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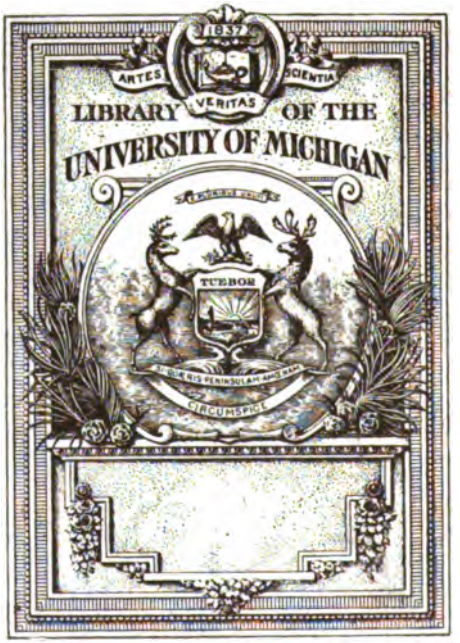

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THE

MAYOR'S MESSAGE

WITH

ACCOMPANYING DOCUMENTS,

TO THE

MUNICIPAL ASSEMBLY

OF THE

CITY OF SAINT LOUIS,

AT ITS SESSION, MAY, 1887.

PRINTED FOR THE MUNICIPAL ASSEMBLY.

ST. LOUIS:
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1887.

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ELECTIVE OFFICERS.

CITY OFFICERS FROM APRIL, 1885, TO APRIL, 1889.

MAYOR,
DAVID R. FRANCIS,
M. A. FANNING, *Secretary.*

COMPTROLLER,
ROBERT A. CAMPBELL,
FRED. GABEL, *Deputy.*

TREASURER,
FREDERICK F. ESPENSCHIED,
JOHN GREENOUGH, *Assistant Treasurer.*

AUDITOR,
A. J. SMITH,
C. F. RAUSSER, *Deputy.*

REGISTER,
DANIEL O'C. TRACY,
HENRY WOODS, *Deputy.*

COLLECTOR,
H. CLAY SEXTON,
FRED. GERBER, *Deputy.*

MARSHAL,
MARTIN NEISER.

INSPECTOR OF WEIGHTS AND MEASURES,
ANDREW HALEY.

PRESIDENT BOARD OF ASSESSORS.
JOHN J. O'BRIEN,
LOUIS H. JONES, *Chief Deputy.*

PRESIDENT BOARD OF PUBLIC IMPROVEMENTS,
HENRY FLAD.

PRESIDENT OF THE COUNCIL,
GEORGE W. ALLEN.

CORONER,
SAMUEL H. FRAZER.

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APPOINTED OFFICERS.

BOARD OF PUBLIC IMPROVEMENTS — 1887–1891.

JOHN W. TURNER, Street Commissioner.
MINARD L. HOLMAN, Water Commissioner.
M. J. MURPHY, Harbor and Wharf Commissioner.
RICHARD KLEMM, Park Commissioner.
ROBERT E. McMATH, Sewer Commissioner.
EMORY S. FOSTER, Secretary of Board.

CITY COUNSELOR,
LEVERETT BELL.

ASSISTANT CITY COUNSELOR,
CHARLES S. BROADHEAD.

JAILER.
MICHAEL CALLAHAN.

JUDGE OF POLICE COURT — 1ST DIST.,
CHARLES F. CADY.

JUDGE OF POLICE COURT — 2D DIST.,
EDWARD WHITE.

JUDGE OF POLICE COURT — South of Osceola Street,
JAMES MEEGAN.

CLERK POLICE COURT — 1ST DIST.,
JOHN F. McENNIS.

CLERK POLICE COURT — 2D DIST.,
JAMES HEALEY.

CLERK POLICE COURT — South of Osceola Street,
P. W. CUMMINGS.

CITY ATTORNEY,
JAMES J. BUTLER.

ASSISTANT CITY ATTORNEY,
HEBER W. ADAMS.

CHIEF ENGINEER FIRE DEPARTMENT,
JOHN LINDSAY.

GEORGE W. TENNILLE, Secretary.

SUP'T FIRE ALARM TELEGRAPH,
ERNST HILGENDORF.

SUPERINTENDENT WORKHOUSE,
WM. KUNZ.

INSPECTOR OF BOILERS,
WILLIAM McCLELLAN.

COMMISSIONER OF SUPPLIES,
D. P. ROWLAND.

ASSESSOR AND COLLECTOR OF WATER RATES,
JOSEPH TEMPLE.
CHAS. W. OHM, Deputy.

BOARD OF POLICE COMMISSIONERS.

THE MAYOR, ex-officio President. JAMES L. BLAIR, Vice-President.

COMMISSIONERS.

JAMES L. BLAIR,
FRANK GAIENNIE,
ANTON HUEBLER, Chief.
EDWARD H. WILKERSON,
OLIVER P. GOODING.
FRANK R. TATE, Secretary.

BOARD OF HEALTH.

DAVID R. FRANCIS, Mayor and ex-officio President.
GEO. F. DUDLEY, M. D., Health Commissioner.
EDWARD WILKERSON, a Police Commissioner designated by the Mayor.

MEMBERS.

GEORGE W. ALLEN, President of the Council.
ROBT. C. ATKINSON, M. D. JOSEPH R. LEMEN, M. D.

CLERK BOARD OF HEALTH.
GIB. W. CARSON, M. D.

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ANNUAL MESSAGE

OF THE

MAYOR TO THE MUNICIPAL ASSEMBLY

OF THE

CITY OF ST. LOUIS.

REGULAR SESSION, MAY, 1887.

MAYOR'S OFFICE,
ST. LOUIS, May 17, 1887.

To the Municipal Assembly of the City of St. Louis:

GENTLEMEN — The pressure of other official duties and the inability of the different departments to prepare their reports in time, prevented me from submitting my annual message at the opening of the session, as was my desire and intention.

A review of municipal affairs for the past year is gratifying in a high degree, as will readily be observed from the reports that I forward you herewith. The form of government prescribed by the charter confers great power on the chief executive, but it imposes grave responsibilities at the same time and arduous duties as well. Into your hands and mine it confides, with a few wise constitutional limitations, the absolute control of the affairs of this great city. The people whose chosen servants we are will hold us to a strict accountability of the trust reposed in us. Political parties have always existed in republics and they will and should continue to do so, but the great mass of the people in a municipality hold good government above party issues. A city government is a business corporation as it were in which the citizens are the stockholders, the interest and welfare of whom should be the constant aim of its officers. An administration should be surrounded and sustained by its friends, and there should be party affinity between the head and its branches if it can be brought about without injuring or jeopardizing the public interests.

The duty imposed by the charter on the mayor of appointing the heads of departments at the beginning of the third year of his

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term, gives him time in which to familiarize himself with the workings of the departments and to determine the qualities required to fill the different positions. The council has power to reject his nominations, it is true, but confirmation does not relieve the mayor of the responsibility of the appointments.

The growth of the city during the past year has been great. Real estate has advanced, building has been extensive, manufacturing has taken new life, the unemployed are comparatively few, and the city's commerce has increased. A sanguine feeling as to our future prosperity seems to pervade the entire community. To encourage this sentiment and to keep pace with it, a broad and liberal policy should be adopted in legislation. The great expanse of territory over which the city extends renders the expense of streets, lighting, police and fire protection necessarily large. The municipal revenue is limited and, as it should under no circumstances be exceeded by the expenditures, sound judgment must be exercised in appropriating and apportioning it.

TERMINAL FACILITIES.

Perhaps the most important subject which now agitates the public mind is providing terminal facilities for new roads seeking entrance to the city as well as additional accommodations for those now here. The topography of the city, with the location of the present bridge, has compelled all roads entering from the west to terminate in the Mill creek valley. That section will soon become inadequate to meet the wants of commerce, if it is not already so. Railroad terminals in a large city are necessarily expensive, and this fact operates to deter new roads from seeking entrance. A bill was introduced in the last legislature to make terminals in the large cities free to all roads, but it failed of passage. It is unquestionably our interest to offer all possible inducements to new roads to come to St. Louis, and to this end I recommend that all franchises granted to railroads for terminals be made non-exclusive, so that the roads built thereunder may be free and open and as near public highways as practicable. I heartily indorse the granting of such franchises as may be required to insure and hasten the construction of another bridge across the Mississippi river at this point. Such an enterprise, in my judgment, portends much benefit to our commercial prosperity. I believe it will result in bringing three, and possibly four, new lines of railroad into the city, and that it will transfer to the corporate limits much of the taxable property now located on the east bank of the river. I also approve the proposition to extend the present tracks of the Union Depot company to the western city limits, upon conditions which

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will guarantee unobstructed communication between the northern and southern sections of the city. The Union depot should be brought in closer connection with the levee, and it is very desirable that such connection should be owned and controlled by a terminal company whose object and interest would be to serve all roads alike.

I can see no objection to granting the Union Depot company the privilege of extending its tracks to the river bank provided satisfactory conditions are imposed for accommodating the traffic on the intervening streets by bridging the same or by elevating the tracks to a sufficient height above the surface of the streets.

In this connection I desire to call your attention to the fact that two of the roads now terminating here are occupying streets and highways without proper authority. The St. Louis, Iron Mountain & Southern railway company is occupying Barry, Marion and Carroll streets, from Main to Kosciusko, and Soulard, Lafayette and Lesperance streets, from the wharf to Kosciusko street, and also Russell avenue and Trudeau street, from Main street to the wharf, without ever having obtained permission by ordinance so to do. The same company is maintaining a large number of tracks on Main street, whilst its grant contemplated only two. The St. Louis & San Francisco railway company not having complied with the provisions of ordinance 12853, approved June 6th, 1884, has forfeited all its rights east of Tayon avenue. It is occupying streets and alleys in that section with its tracks and freight houses without authority. It is not my desire nor is it my intention to dispossess either company of its present holding, but it is eminently proper that both should legalize their occupations by ordinance. The necessary steps will be taken by me to move them to such action.

ELECTRIC WIRES.

The multiplication of poles on the streets to carry electric wires has become a serious question. Under existing laws, as interpreted by the courts the city, government is practically powerless to prevent the same. An effort was made at the last session of the legislature to obtain a law that should authorize the city to control the matter. It passed the house of representatives but failed in the senate. The attempt will be renewed at the next regular session of the state general assembly. In the meantime, it seems inadvisable for the city to grant the right to construct a conduit under the streets for the above purpose. Such a measure would of necessity by reason of the lack of power in the city, afford limited relief; and it would hamper the city government in dealing with the underground wire project when the legislature shall have given it authority to compel the placing of wires underground.

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FINANCES.

The finances of the city were never in so healthy a condition. A wise care was exercised over expenditures during the past year, and there was at the beginning of the fiscal year the following unappropriated balances in the treasury belonging to their respective funds: —

To Municipal Revenue	$132,377 99
" Water Works "	604,734 46
" Interest and Public Debt Revenue	114,187 77
" Harbor Fund	22,589 81
A total of	$873,890 03

The balance of $132,377.99, was the result of a greater return from municipal revenue than was anticipated and is attributable to the revival of business and the general prosperity of the city. The interest and public debt revenue balance can be used only for reducing or paying interest on the bonded debt but there is no necessity for so appropriating it at present. The water works revenue balance is the surplus derived from water licenses after providing for their collection and the operation, extension and maintenance of the works and mains. It can only be appropriated for the extension or completion of the water works, or the redemption of water bonds and when those objects are accomplished the water rates should be reduced so that no surplus would result. Of the extension or completion of the works I shall treat farther on.

The bonded debt at present is $22,105,000, a reduction during the year of $837,000, of which $135,000 was paid out of the sinking fund, and $702,000 was derived from the Missouri Pacific railroad judgment, and was expended by the mayor and comptroller under authority of ordinance No. 13492 in the redemption and purchase of city bonds. In a report made to your predecessors on March 28, 1887, a full account was given of the disposition of said fund. An examination of the report, a copy of which is herewith attached,* will, I think, demonstrate that the amount at disposal was used to the best advantage. All of the bonds retired were maturities of the last fiscal year, except $192,000 of water bonds due June 25, 1887, and which reduced that issue to $3,308,000, and $8,000 of the issue due May 1st, 1887, $3,000 of the issue due June 1st, 1887, and $3,000 of the issue due July 1st, 1887. In addition to the ma-

* See page 20.

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turities of the last fiscal year taken up by the mayor and comptroller and sinking fund, there was $190,000 which was met by unexpended or unappropriated balances in the treasury, and which amount now stands on the books of the auditor as a debit to "Proceeds of Renewal Bonds Special Fund." That amount will be returned to the treasury out of the proceeds of the sale of the renewal bonds which the mayor and comptroller are now making.

By ordinance 13932, approved March 11th, 1887, the mayor and comptroller are authorized to sell bonds of the city to the amount of $4,664,000, to run twenty years, and to bear a rate of interest not exceeding 4 per cent, for the purpose of redeeming a like amount of maturing bonds. Of the maturing bonds $325,000 fell due in the fiscal year of 1886-7, and their disposition is explained above; the remainder will mature during the fiscal year of 1887–8. Of these maturities $4,542,000 bear 6 per cent, $97,000 7 per cent, and $25,000 8 per cent interest per annum. If refunded at 4 per cent a yearly saving of $94,750 will result to interest and public debt revenue, and if refunded at 3 1-2 per cent $118,070 per annum will be saved, or $2,361,400 for the twenty years. Such refunding means furthermore an immediate reduction in taxation, a most desirable end to accomplish. The state constitution limits the rate of taxation for municipal, state and school purposes, and those limits, which are respectively one dollar, forty cents, and forty cents on the hundred dollars, have been reached and now prevail.

The total rate of taxation which has been levied for many years past is $2.55 on the $100, and is made up of $1.80 as explained above, and seventy-five cents for interest and public debt revenue.

A reduction of interest consequently should result in a reduction in taxation, as the surplus arising from levying the former rate could not be applied to municipal, school or state purposes, and there is no necessity for reducing the bonded debt at the present time.

The refunding of St. Louis bonds at 3 1–2 per cent would moreover establish the credit of the city on a very high plane, which besides being a source of pride to every good citizen, would be of great benefit in refunding our remaining maturing securities. The efforts made to place these bonds at 3 1–2 per cent have met with very gratifying response thus far, and in my opinion must result in success. Subscriptions have been opened and already an amount has been subscribed which, with the unexpended and unappropriated balances in the treasury, will be sufficient to meet the bonds of this fiscal year as they mature. In this connection I desire to commend the public

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spirit manifested, and the timely aid rendered this movement, by many private citizens and by most of the local banks in subscribing to this loan. The following banks merit special mention, viz.: Fourth National, Lafayette, German American, Merchants' National, State Savings Association, Laclede Bank, Mullanphy Savings, and Franklin Bank.

The unappropriated balances alluded to above are "water works" and "interest and public debt" revenues. The balance in municipal revenue is needed for other purposes and will no doubt be wisely appropriated by your honorable body. The detailed account of revenue and expenditures may be seen in the reports of the collector, auditor and heads of departments.

AUDITOR.

The auditor's report, forwarded herewith, gives a detailed account of the receipts and expenditures for the past fiscal year, and is worthy of your careful perusal. It shows a balance in treasury on April 11, 1887, of $1,422,037.64, which amount is in the city depository, selected by the mayor, comptroller and treasurer in September last, bearing interest at the rate of 3.60 per cent per annum.

COLLECTOR.

The report of the collector shows collections to the amount of $6,800,469.10, of which, after deducting the cost of collection, $1,039,281 43 was paid into the state treasury, $842,060.59 into the public school treasury and the remainder into the city treasury. The total collections for state, school and city of the previous year were $6,658,653.14 of the city revenue, $1,496,480.66 was from licenses and miscellaneous collections, $756,209.30 being from dramshops.

ASSESSMENT OF THE REVENUE.

The board of assessors return a total valuation of taxable property in the old and new limits of $215,199,090, as against $211,555,390 the preceding year. Of the increase $3,640,000 is in the old limits, whilst the valuation in the new limits has been increased only $3,250.

PUBLIC IMPROVEMENTS.

The secretary of the board of public improvements reports that the board held 125 meetings and received and considered 291 petitions. It recommended and forwarded to your honorable body 228 bills and awarded 176 contracts involving an estimated expenditure of $1,762,121.61.

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WATER COMMISSIONER.

The water commissioner presents an interesting and instructive report of the condition of that department. The total expenditures were $476,266.08, of which $243,784.83 was for operating and maintaining the works, $164,628.75 for extension of distribution pipe and mains, and $67,852.50 for extension of the works. The low service engines were operated 17,116 hours, and the high service 16,720 hours, the former 3,344 hours more than the preceding year and the latter 11,483 hours more. The quantity of water pumped was 10,979,076,000 gallons by the low service engines, an increase of 1,054,378,000 gallons, and 10,877,896,000 by the high service engines, an increase of 1,050,953,000 gallons over the previous year. The cost of pumping was $12.974 per million gallons, against $13.755 for the previous year, and $16.068, the average cost for the past eight years. The average daily consumption of water for the calendar year of 1886 was 30,062,000 gallons, whilst for 1885 it was only 26,865,000 gallons, an increase of 3,197,000 per day.

Seventeen miles of water pipe were laid during the year, most of it in the "lumber district" in the northern part of the city; also east of Seventh street and south of Chouteau avenue; in the neighborhood of the Cotton Compress warehouses, and west of Grand avenue between Lindell avenue and St. Ferdinand street. The distribution of water pipe and mains is now quite extensive and with a good supply of water should afford satisfactory fire protection.

A new high service-engine is under contract and approaching completion. When erected it will furnish ample high-service pumping capacity for some years to come. Its stone masonry foundations have been completed. The new stand pipe was completed last year, water was turned into it on October 10, 1886, and since that time it has been in constant and satisfactory service.

EXTENSION OF WATER WORKS.

The increased and growing consumption of water has become so great that the demand has almost overtaken the supply. No arguments should be required to convince you of the necessity of an ample and never-failing supply of water. Any contingency which would deprive any manufacturing section of water, even for a short time, would be greatly to our discredit, would be of much detriment to our reputation as a manufacturing center and perhaps of great injury to our material welfare. The capacity of the low service engines is already taxed too heavily, and has been for several years past. An increase of pumping capacity from the river to the settling basins is imperatively demanded, and no time should be lost in providing it. During the past

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winter the consumption of water became so great that stringent measures had to be adopted to enforce its economic use. I should dislike to see a repetition of that state of affairs during the coming summer. It would necessitate a cessation of sprinkling, and cause great inconvenience, annoyance and injury to the community.

The board of public improvements in an elaborate and carefully prepared report on this subject submitted to your predecessors, strongly urge the removal of the present low service system of pumping engines from Bissell's Point, the present location, to the Chain of Rocks, about seven miles farther up the river, and the connection of the same with the high service system remaining at Bissell's Point, by means of a conduit seven miles in length, and eight feet in diameter. If the surplus now in water works revenue will not be needed to redeem maturing water bonds, it should be applied to increasing the low service pumping capacity.

Time will be required to either remove or enlarge the present system, and steps in one direction or the other should be promptly taken.

I repeat: the low service pumping capacity is near the danger line. An appropriation of $45,000 was made in the expiring hours of the last session for the purchase of steam pumps for temporary service. This may answer for a short time, but is only a makeshift and the subject is too important to be overlooked or neglected.

WATER RATES.

This department makes gratifying returns. The receipts for the past year, $868,043.25, were $67,717.55 in excess of the revenue of the previous year, which itself showed a large increase over the fiscal year 1884–85.

STREETS.

Your attention is directed to the accompanying report of the street commissioner which sets forth in interesting detail the work done by that department during the past year. It shows a total expenditure of $983,703.10. During the year there was laid a total area of 16,607.75 squares, or 8.62 miles of granite pavement, the total cost of which was $830,246.17, the city paying only $18,264.12 of that amount, the remainder being paid by the abutting property. There are now 30.93 miles of granite pavement in the city. The cost of granite reconstruction during the past year was $46.78 per square, as against $53.37 for the preceding year. Broadway is now paved with granite from Geyer avenue to Mullanphy street, a distance of 7,524 feet, and

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Chouteau avenue, from Fourth street to Second Carondelet avenue. Broadway would have been under contract for reconstruction as far north as St. Louis avenue, had it not been for the mischievous or malicious alteration of the dates of the mayor's approval of the ordinances providing for said work. Washington avenue, Jefferson avenue, Lucas avenue, from Beaumont to Garrison, and Garrison avenue from Locust street to Easton avenue, a distance of 1.71 miles, have been paved with wooden blocks at the cost to the property-owners of $93,250.66, or $37.73 per square. Lindell avenue has been constructed with a Telford pavement from 660 feet west of Grand avenue to Forest Park, and now furnishes a fine drive; but unless provision is made for keeping it in repair it will degenerate into an ordinary macadam road. In other cities such boulevards are maintained at the expense of the abutting property, and restrictions as to their use are imposed and enforced.

This department expended during the past year $119,713.93 in the employment of labor for cleaning the streets, and $285,938.08 for maintaining 8,795 street lamps.

These figures are an increase of $7,190.73 over the amount expended for street cleaning by manual labor the preceding year; but a decrease of $14,184.20 in expense of street lighting, although 406 more lamps are maintained than at the end of the previous fiscal year. This is brought about by the gas legislation of the session of 1885–6, the lamps in the district served by the St. Louis Gaslight company, now costing $30 each per annum, instead of $37 as formerly. There is some question as to whether the pooling of the gas companies is not a violation of their franchises, and I shall give the subject my attention at the earliest practical date.

GRAND AVENUE BRIDGE.

This bridge is progressing in its construction, and would be pushed more rapidly to completion if appropriations could be procured, Grand avenue is a much-frequented thoroughfare, and I trust you will promptly and favorably consider the bill for the reconstruction of the avenue, recently recommended by the board of public improvements.

SEWERS.

During the past year Mill creek sewer has been completed to Vandeventer avenue; Southeastern sewer was enlarged a distance of 641 feet; Joab street sewer was completed to Lafayette avenue; Arsenal street sewer was enlarged to an 8-feet mean diameter for a distance of 440 feet, and a great deal of other public sewer construction and improvement accomplished. The

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total expenditure of the public sewer system was $94,852.76, and the length of public sewer built was 21,835 feet.

District sewers were built in 21 districts, with a total length of 62,115 feet and a cost to property owners of $129,062.15.

The very large sewer district, Vandeventer avenue No. 1, was begun early in the year, and has progressed considerably. It should be finished during the present year.

The rapid growth and constant development of the city bring strongly before us the necessity of providing better drainage facilities than we now possess. Not only is there pressing need for extensive construction of new sewers, but for a thorough reconstruction of old sewers as well. The problem to be solved in the perfection of our sewerage system, viewing the limited means at hand to be devoted to such purposes, is a serious and perplexing one. A plan for the drainage of that part of the city naturally drained by Mill creek and River des Peres and for the relief of Mill creek sewer has been arranged by the board of public improvements, and some of the work is already authorized. The completion of it will not be effected for several years. The construction of a sewer in Poplar street, from the river to Twentieth street, the commissioner reports, is now a pressing need. To maintain a good sewer system is an imperative necessity in view of possible damages from menacing overflows. Special taxation on property benefited is the only method to be adopted to meet the requirements of the city in this respect, as with the gathering needs of other departments, the amount of money required for the perfection of the sewerage system can be obtained in no other manner. To this policy the construction of Vandeventer avenue sewer is alone due, and the commissioner properly terms this a bold step in the right direction. I heartily invite your attention to his remarks upon the subject, to be found in the introduction to his annual report.

HARBOR AND WHARF.

An increase in income amounting to $10,562.22 marks the record of this department during the past year. The total expenses were $79,165.85; the receipts $69,369.12. Of the expenditures $19,782.50 were for scavenger and street cleaning dumps. The expenditures for harbor and wharf purposes were $1,051.50 greater than those of the preceding year. The increased revenue noted above, is very gratifying and as additional wharf space has, by the decision of the courts in two important suits in favor of the city, been secured, a still larger increase is expected in the year at hand.

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A complete resurvey of the public wharf has been effected and now the entire wharf line, from Ferry street to Anna street, is correctly defined.

PARKS.

The facilities for reaching the parks of the city are improving year by year and with increased access arrives an increased patronage. This fact should be borne in mind when appropriations for maintaining and beautifying the parks are made. As this feature of St. Louis life is a distinct necessity, I am of the opinion that for the comfort and welfare of the inhabitants, as well as for the delectation of the thousands of strangers who annually visit the city, generosity should be displayed in the apportionment of funds to this department.

PUBLIC BUILDINGS.

The report of this department shows that during the year 1,717 brick buildings were erected at a valuation of $5,488,787, and 519 frame buildings at a valuation of $464,156, and additions and alterations to buildings already erected have been made at a valuation of $754,167. The gross sum expended during the year in building improvements as given by this department was $6,707,110. The amount of money received for building permits during the year was $4,932.50. The figures here presented are as given by owners, architects and contractors when taking out permits, and, as the commissioner states in his report, "the estimates given are considerably lower, and in many instances very much lower than the actual cost of the work. It follows that they do not represent the true value of improvements. It is owing to this fact that the building statistics of St. Louis do not compare favorably with those of other cities."

The commissioner says that his present force of inspectors, four in number, is inadequate to properly discharge the duties pertaining to their offices and asks for an increase to a sufficient number to thoroughly inspect all buildings in course of erection as well as those deemed unsafe.

The commissioner suggests the substitution of electric lights in the city buildings for gas, and says that, taking the amount of gas consumed last year as an average, the use of electricity in its place would result in a saving in the cost of illumination of $4,786.24 per annum. He thinks $6,000 per annum is a liberal estimate of what the running expenses of the electric light would be.

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FIRE.

The loss of property by fire during the year was $1,419,275, as against $484,400 the year before. As a reason for this surprising increase, the chief states that $800,000 was lost in two fires alone, one being the fire that consumed the Knapp, Stout & Co. company's lumber yards, and the other the Shapleigh-Cantwell Hardware company fire. The former, with a fire plug within reasonable distance, could have been extinguished with a loss of less than $500. The latter involved a loss that was not due to fire alone, but to the collapse of the building.

The net expenditures of the department were $422,539.56, against $420,751.23 the preceding year.

The chief thinks that a new steam fire engine company should be established in the vicinity of Second and Madison streets as some of the largest wood-working manufactories and lumber-yards in the city are located in the adjacent territory. These are at present without fire provision. I approve of this recommendation.

The Firemen's Pension Fund and Relief association is in a healthy condition, with $19,391.32 in the treasury. There were four losses by death during the past year and benefits of $1,000 paid to the heirs of each.

The fire department is in excellent condition. Strict discipline is enforced and no appointments are made in the department without a thorough medical examination of the applicants and examination as to their fitness in other respects.

FIRE AND POLICE TELEGRAPH.

For maintaining, operating and improving this department, the sum of $29,798.67 was spent, as against $28,022.74 the preceding year. Much new work has been done and marked improvement has been made in the service. The fire alarm and police and patrol wires have been extended to Union avenue on the west and Gravois road on the south.

HEALTH DEPARTMENT.

The vital statistics of the city show an increase in the death rate. This the health commissioner attributes solely to the prevalence during the fall and winter months of diphtheria, which appeared in a malignant form and almost assumed the proportions of an epidemic. The work of the department in extirpating this disease was productive of the most favorable results, and although diphtheria still prevails, it is to only a small degree. Some valuable suggestions, on the prevention and

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treatment of this disease may be found in the report of the commissioner, as well as a discussion of scarlatina and measles. The city has been and is in a healthy condition, but the commissioner properly points to the unsystematic method of sanitary effort as a reason for apprehending a visitation of the Asiatic cholera and urges an immediate and thorough cleansing of the city.

All the institutions grouped under this department are in need of improvement. The building used for a city hospital is inadequate to the necessities of an institution of the kind; the insane asylum building is too small for the number of inmates it is required to shelter; the female hospital building is old and almost unsafe, and the poor-house is in need of an extension. Notwithstanding these insufficiencies, the inmates have been well cared for and the affairs of each institution so well managed that to speak of one more than another would seem invidious.

The report of the meat inspection shows that the establishment of this bureau has done much to improve the quality of the meat supply of the city.

By a recently passed ordinance a milk inspection has been provided for, and within a short time the bureau will be established and in working order.

The sanitary department was in full operation only during four months of the year — the summer of 1886 — and during that time the city was kept thoroughly clean. The sanitary force, with the exception of three men, was disbanded on the 1st of September, and since then little has been attended to other than the abatement of the nuisances brought to the attention of the department by complainants. The necessity of the employment of a good sanitary force the year round is apparent to the least studious observer of the situation. Attention is called, in regard to this matter, to the interesting report of the chief sanitary officer.

The aggregate expenditures of the health department for the year were $343,699.53, as against $335,200.89 the preceding year.

The death rate based upon an estimated population of 400,000, was 20.67 per 1,000. I think it safe to calculate, however, on more than 400,000 inhabitants. Of the total mortality 41.5 per cent was of children under five years of age.

HOUSE OF REFUGE.

The history of this institution during the past year shows that greater progress has been made than ever before in any one year. The new building, vacant until two months ago, is now occupied, and the long-sought end of separating the innocent from the vi-

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cious inmates has been attained. The children in the new building are as happy as any to be found outside of the very best homes. The best of results are looked for from this reform. The superintendent urges action by the municipal assembly in the matter of reconstructing the old building now occupied by vicious girls, or providing new quarters for them. On April 10, 1886, there were 207 children — 158 boys and 49 girls — in the institution; on April 10, 1887, there were 242 children — 187 boys and 55 girls. There were received during the year 180 children, and there were released 145. Of the latter number 21 were provided with homes by the management. The expenditures of the institution amounted to $34,899.46, and the receipts were $4,867.74. The expenditures the preceding year were $37,991.65, and the receipts $3,686.82.

CHARITABLE INSTITUTIONS.

The members of the board of commissioners on charitable institutions have visited the institutions under their scrutiny at frequent intervals and the conclusion they draw from their examinations is that the institutions are well and economically managed, the inmates humanely and properly treated, and the objects for which the institutions are maintained are reasonably accomplished through the zeal and fidelity of the officers in charge.

MULLANPHY BOARD.

The sum of $11,078.02 was expended by this excellent charity during the half year ending February 28, 1887. Relief was extended to 355 emigrants and 315 travelers.

WORK-HOUSE.

The appropriation for the support of this institution for the year closed was $50,800.00. An unexpended balance of $1,486.63 was returned by the superintendent. The gross receipts and earnings were $56,843.82, which sum is $7,530.45 in excess of the cost of maintaining the institution. There was in the preceding year, then an extremely good showing, a difference in favor of the city between expenses and receipts of $2,742.15. This is a very fine tribute to the good management of the superintendent. Frequent reference has been made to the dangerously restricted quarters for the prisoners. Cells built to accommodate 8 men are made to hold 12. Humanity, if not a regard for the welfare and good name of the institution, dictates the necessity of a change in this respect and it is to be hoped that you will find it possible to in some degree improve the capacity of the institution.

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LAW.

The report of the city counsellor shows a large amount of legal work performed by that officer with his usual care and diligence.

SUPPLIES.

The purchases made by the commissioner of supplies during the year amounted to the sum of $394,610.97, as against $429,750.82 the preceding year. The proceeds of sales of condemned property amounted to $3,870.75, which sum was paid into the city treasury, as shown by receipts on file in the commissioner's office.

WEIGHTS AND MEASURES.

This department's report shows that $3,707.02 was collected over and above all expenses. The excess of receipts over expenditures the preceding year was $4,175.77.

BOILER INSPECTION.

There were 1,562 boilers inspected during the year, an increase of 56 on the preceding year. The number of persons who applied for license as engineers was 226, the number who were given licenses, 69. There are at present 978 licensed engineers in the city. The expenses of this department were $5,024.70, the receipts, including $245 yet to be collected, $7,770. The amount paid into city treasury, over expenses, was $2,745.30.

THE JAIL.

The jail has been in a good sanitary condition and the health of the inmates good. The jailer renews his recommendation for the establishment of separate apartments for females and young persons.

CORONER'S OFFICE AND MORGUE.

Inquests on the bodies of 760 persons were held, 104 of these being suicides. The appropriation of $9,790 was not sufficient to pay the expenses of the department for the year and there is a deficit of $857.14. The receipts were $83.90.

POLICE.

The operations of the police department under the decision of the supreme court, rendered in June, 1886, confirming to the mayor his rightful authority as head of the board, have been

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most satisfactory. The practical effect given by the court to the police acts, is fully justified and has made itself felt by the superior discipline and efficiency that have prevailed throughout the force during the past eleven months.

The report of the board of police commissioners with that of the chief of police, shows an extraordinary amount of effective work accomplished by the force. The request for additional men should receive your careful and favorable consideration. The rapid and extensive building up of the new limits necessitates increased police protection, which the present limited proportions of the department cannot properly furnish. I earnestly recommend the addition of at least ten sergeants and fifty patrolmen to the force.

MARSHAL.

The statement received from the city marshal shows creased number of cases disposed of in the police courts, and consequently a diminished revenue from fines for violation of city ordinances. About the usual number of notices were served for the board of health, removal of obstructions in streets and alleys, dangerous buildings, etc.

CONCLUSION.

In conclusion it is perhaps unnecessary for me to say that I am anxious that the progress of the city throughout all its departments shall during the coming year be an advance over what has been accomplished in the year now closed. In all steps in this direction it will follow that individual interests are sometimes compelled to give way to the wants of the public. The greatest good to the greatest number is a familiar expression, and it may be used here as indicating my idea of municipal legislation.

Respectfully,

David R. Francis

Mayor.

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ADDENDUM.

EXECUTIVE DEPARTMENT,
MAYOR'S OFFICE,
ST. LOUIS, March 28, 1887.

To the Honorable Municipal Assembly of the City of St. Louis:

GENTLEMEN — We submit herewith a detailed report of our transactions in the matter of purchasing bonds pursuant to ordinance No. 13492.

The total amount available for the purpose of purchasing and retiring bonds under the ordinance was $715,764.08, being the $700,000 paid by the Missouri Pacific Railroad Company for the loan to them by the late county, and the interest on the daily balances of the fund, amounting to $15,764.08.

There were purchased and cancelled 709 bonds, of $1,000 each, reducing the city's bonded debt $709,000. For 263 of the bonds, purchased before the date of their maturity, there was paid the sum of $269,218.75, and for the remainder, 446, bonds purchased at maturity, there was paid the sum of $446,000, making a total expenditure of $715, 218.75. The balance, $545.33, being too small for investment, must be transferred to Interest and Public Debt Revenue.

For other details, we refer you to Exhibits numbered 1, 2 and 3.

Respectfully submitted,

DAVID R. FRANCIS,
Mayor.
R. A. CAMPBELL,
Comptroller.

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CITY FINANCES.

REPORT OF THE COMPTROLLER

OF THE

CITY OF ST. LOUIS FOR FISCAL YEAR 1887-88.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

COMPTROLLER'S OFFICE,
ST. LOUIS, May 18th, 1887.

To the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In compliance with section 48 of Article IV, of the Charter, I submit herewith my annual report of the financial transactions and condition of the city, together with estimates of the resources and requirements for the year ending April 9, 1888.

The financial transactions and condition of the city are shown in detail in Statements "A," "B" and "C."

BONDED DEBT.

The bonded debt of the city, at the close of the year, was $22,105,000, showing a reduction of $837,000 for the year. Pursuant to Ordinance No. 13,492, the Mayor and myself purchased and cancelled, during the fiscal year 1886–87, bonds amounting to $702,000. Of this amount $496,000 were bonds maturing during the fiscal year, and $206,000 were bonds maturing during the fiscal year 1887–88. The Board of Fund Commissioners purchased and cancelled a renewal bond of $135,000. The bonds maturing during the fiscal year amounted to

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$821,000. Of this amount $496,000 of bonds were purchased by the Mayor and Comptroller, as stated above, $135,000 were paid out of the proceeds of the renewal bond sold to the Board of Fund Commissioners, and the remaining $190,000 were paid from amount advanced from the Treasury out of money belonging to other funds and not needed for the time being. This advance will be covered into the Treasury during the fiscal year either by proceeds of renewal bonds when sold, or by an appropriation from surplus revenue of the year applicable for the payment of bonds.

A detail report of the transactions of the Mayor and Comptroller in the matter of purchasing and cancelling bonds pursuant to Ordinance No. 13,492 was made to the Municipal Assembly on March 28, 1887. A copy of it is incorporated in this report in order that a complete statement of the financial transactions may be presented.

CONDITION OF THE TREASURY.

The balance in the Treasury at the close of the fiscal year was $1,422,037.64. To this is to be added the amounts advanced for payment of bonds ($190,000) and damages in street openings ($82,749.61), making the resources of the Treasury at the close of the fiscal year $1,694,787.25. Of this amount $820,897.22 is appropriated for specified purposes and $873,890.03 remains unappropriated. The unappropriated balance belongs to the several revenue funds as follows:

Interest and Public Debt Revenue	$114,187 77
Municipal Revenue	132,377 99
Water Works Revenue	604,734 46
Harbor Fund	22,589 81
	$873,890 03

ESTIMATES FOR THIS FISCAL YEAR.

The estimates for the ensuing year are presented in detail in Statement "D."

The estimated resources of Interest and Public Debt Revenue will be sufficient to cover the interest on the bonded debt and other charges for which the fund is liable, and leave a surplus of about $114,000,

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which I recommend be held in reserve for such contingencies as may arise in placing the renewal bonds of this year on the market.

The amount available for appropriations out of Municipal Revenue is estimated at $3,518,006.53. This amount is only sufficient to meet the ordinary expenses of the government as now established and the most urgent demands for public improvements. No very material extension in the service can be made without increasing the sources of the revenue; yet it is not to be expected that there will be a material increase in the revenue; the small amount resulting from the gradual increase in the value of taxable property will be absorbed by a like increase in the requirements. The rate of taxation is as high as the limitation of law permits, and our license system cannot be made to yield much more. It is apparent, therefore, that if any large item of expenditure is to be added to our annual charges the means therefor must be provided by a reduction in the service as now established. My recommendations for appropriations are for the maintenance of government, the necessary improvements, the amount required for an increase in the police force, one additional engine-house, and additional quarters for paupers at the Poor House. An appropriation for the latter object was made last year, but no ordinance having been passed for the execution of the work, it was covered back into the revenue.

The receipts from the Water Works are estimated at $850,000. After providing for the operating expenses of the works, the cost of the collection of the revenue, the appropriation for water pipe, and for Pump Main No. 5, there will remain about $450,000 for the extension of the works. The surplus from last fiscal year, $604,734.46, I recommend be reserved for the payment of bonds maturing, should it or any part of it be needed. The balance of the surplus, if any remains, may then be appropriated for the extension of the works.

The receipts and surplus of the Harbor Fund are more than sufficient to meet the demands of the Harbor Department for this year. The collections from wharfage can only be used for harbor purposes.

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TAXATION.

The tax rate for Interest and Public Debt Revenue for the current year has been recommended to be reduced from 75 cents to 70 cents on the $100 valuation in the Old Limits and increased from 10 cents to 35 cents in the districts in the New Limits where the Assembly may increase the rates. On this basis the tax levy will be reduced $95,065.33 in the Old Limits and increased $20,625.95 in the New Limits. In this connection I would recommend that the necessary ordinance be passed for submitting to the vote of the people an amendment to the Charter on the subject of taxation in the New Limits. The law should be changed authorizing the Assembly to increase the rate s of taxation in the New Limits in such district or districts as it may deem expedient to establish from time to time. The rate of taxation, so increased, should be alike on all property within the district or districts established. Under the law, as it stands, the tax rate in the New Limits can only be increased on real estate in a block, or space equivalent to a block, in which there are six or more houses of an assessed value of not less than $6,000 in the aggregate, while the tax rate on all personal property in the New Limits can not be increased, the law providing that it shall not exceed $\frac{1}{10}$ of 1 per centum for Interest and Public Debt Revenue and $\frac{4}{10}$ of 1 per centum for Municipal Revenue purposes. The inequality in the tax rates between the Old and New Limits offers an inducement to leave the Old Limits and locate in the New. As the districts in the new limits are being built up the demands for public improvements and other extensions of the service must be met, resulting in an expenditure out of all proportion with the revenues derived from the respective taxing districts.

RENEWAL BONDS.

The bonds maturing during the fiscal year will amount to $4,339,000. Of this amount $4,217,000 are 6 per cents, $97,000 are 7 per cents and $25,000 are 8 per cents. To provide for these maturities, as also for the amount of $190,000 advanced out of the Treasury to pay maturities of last year, it is purposed to appropriate the surplus in Interest and Public Debt Revenue for the redemption of $114,000, and

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to issue renewal bonds authorized by Ordinance No. 13,932 for the remainder ($4,415,000) of the amount to be provided for. Of these renewals the Sinking Fund will take about $60,000. As the city's credit is steadily improving it has been decided to fix the rate of interest of the renewals at 3½ per cent per annum. Subscription lists have been opened for the bonds at par at that rate, and there is every indication that the entire issue will be taken by the time that the money is required. It may be said that the city was never in a better position to place its renewal bonds than at present. Should it be impossible to place the entire amount required, at the rate fixed, the unappropriated balance in Water Works Revenue, amounting to about $604,000, or so much of the same as is needed, may be appropriated for the redemption of a portion of such of the maturities as were issued for Water Works purposes.

CONCLUSION.

In conclusion I would urge that in appropriating the amounts available for the year, due consideration be given to the respective requirements of the various departments, and that the aggregate of the appropriations, no matter what the requirements, does not exceed the estimated income.

Respectfully submitted,

R. A. CAMPBELL,
Comptroller.

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DETAILED STATEMENTS.

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Financial Transactions of Fiscal Year 1886-'87.

STATEMENT "A"—REVENUE FUNDS,

Resources of, and Appropriations from, during the Fiscal Year, from April 13th, 1886, to April 11th, 1887.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

RESOURCES—			
Unappropriated balance April 13, 1886			$142,224 70
Receipts into Treasury—			
Taxes: For year 1886	$1,317,922 01		
Delinquent of prior years.	90,661 07	$1,408,583 08	
Interest on Current Deposits in Bank		29,969 88	
Interest accrued on Bonds sold to Sinking Fund		118 36	1,438,671 32
Total Resources			$1,580,896 02
APPROPRIATIONS—			
For Warrants drawn against the City Treasury on account of the following, viz:			
Interest, Discount and Expenses on bonded and temporary debts		$1,453,475 67	
Judgments (where cause of action existed prior to constitution and charter):			
In favor of Mary B. Mitchell . . .	$1,150 83		
In favor of John L. Mitchell	1,535 95	2,686 78	
Costs and Legal Expenses (where cause of action existed prior to constitution and charter)		545 80	$1,456,708 25
For Sinking Fund for year 1886			10,000 00
Total appropriations			$1,466,708 25
Total resources of, as above			$1,580,896 02
Total appropriations from			1,466,708 25
Unappropriated balance April 11th, 1887			$114,187 77

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SECOND.

MUNICIPAL REVENUE.

RESOURCES—

Unappropriated balance April 13, 1886			$128,843 72
Receipts into the Treasury—			
Taxes: For year 1886	$ 1,846,886 25		
Delinquent of prior years	127,257 85	$1,974,144 10	
Licenses—			
Commission Merchants	$ 18,301 12		
Dog	11,201 75		
Dramshop	732,041 42		
Insurance Companies	19,229 70		
Manufacturers	102,742 87		
Merchants	157,841 28		
Peddlers and Hawkers	15.219 37		
Street Railroads	10,301 91		
Vehicles	84,491 19		
Advertising Agents	28 80		
Auctioneers	3,139 28		
Banks, Financial Agents and Brokers	4,343 62		
Billiards and Ten-pin Alleys .	639 75		
Bill Posters	9 60		
Boarding Houses	1,351 77		
Conveyancers	24 38		
Electric Batteries	6 10		
Engravers	117 00		
Flying Horses	127 98		
Fortune Tellers, Astrologers and Clairvoyants	900 64		
Intelligence Offices	507 75		
Junk Shops	2,356 79		
Lithographers	29 25		
Lumber Measurers	72 38		
Mercantile Agencies	193 50		
Merchandise Brokers	2,540 73		
Ordinaries	3,594 03		
Patent Solicitors	72 75		
Pawnbrokers	4,453 50		
Photographers	740 82		
Railroad Ticket Brokers . . .	680 25		
Real Estate Agents	7,946 03		
Runners	291 00		
Sale Stables	193 50		
Shooting Galleries	241 87		
Stock Yards	144 00		
Theaters and Exhibitions . . .	2,962 87		
Vault Cleaners	487 50		
Weighers	194 63	1,189,762 68	

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STATEMENT "A"—Continued.

Miscellaneous Revenue and Incidental Collections:		
Boiler Inspections		$7,525 00
Building Permits		4,915 00
Collections on Franchises:		
Citizens' R'y Co., Ord. 11,528	$ 10,000 00	
People's R'y Co., Ord. 11,596	3,000 00	
St. Louis R. R. Co., Ord. 12,477	5,000 00	
St. Louis Cable and Western R. R., Ord. 12,852	1,000 00	
Forest Park, Laclede and 4th St. Railway, Ord. 12,888	2,184 32	
St. Louis Gas, Fuel and Power Co., Ord. 11,358	365 02	
Electric Light Co's 2½ per cent of gross receipts, Ord. 12,723	3,120 82	
Telephone Co.'s 2½ per cent of gross receipts, Ord. 12,724	3,635 73	28,305 89
Dividend on Stock, St. Louis Gas Light Co.		4,000 00
Fines, Fees and Commissions:		
Collector's Surplus Commiss'ns	22,674 24	
Clerk Circ't Court Surplus Fees	158 81	
Clerk C. C. C. Surplus Fees	5,061 70	
Fines and Fees, ordin'y sources	58,957 11	86,851 86
Markets		34,369 21
Recorder of Deeds		30,144 50
Rents		3,263 61
Scales—City	$ 10,237 80	
Private	14,806 55	25,044 35
State's portion cost of Assessing Revenue		31,974 44
State's appropriation for Support of Insane		25,000 00
State's appropriation for Rent, Fuel and Light for Court of Appeals		3,200 00
State's appropriation for Road and Canal Fund —City's portion		86 95
Weights and Measures		10,254 55
Board of Health—Permits	$ 387 00	
Burying U. S. Soldiers	27 00	
Board of Patients at Institut'ns	3,811 83	4,225 83
Dead Animals—Privilege to Remove		199 96
Court of Appeals—Proportion of cost of, returned		175 01
House of Refuge—Board of Inmates	$ 160 38	
House of Refuge—Labor in Shoe and Chair Shops	4,227 25	4,387 63
Redemption of Lands sold for non-payment of benefits in matter of opening Streets and Alleys		404 14

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STATEMENT "A"—Continued.

Redemption of Old Sewer Special Tax Bills purchased by City		1,705 31	
Work-House—Labor in Brush Factory		1,030 36	
Abstract of Tax Books furnished State Auditor		434 18	
Board of Police Commissioners—Sundry Collections		416 10	
Certified Copies of Ordinances and Records		28 70	
Costs in Civil Cases returned		21 00	
Insurance—Losses by Fire		1,100 00	
Interest on Street Opening Special Tax Bills		3 63	
Overpayments returned		247 28	
Public Schools—Poll Books furnished		806 72	
Rebate on Telephone Service		. .	
Repairing Streets excavated for laying water-pipe, not properly restored—Cost of, returned		71 10	
Sales of condemned and useless property and material		2,946 07	
Street Openings—Contributions by property owners to defray cost of		250 00	
Title Investigations in Street Opening Cases, cost of, returned		30 00	$3,477,325 16
Transfers to Municipal Revenue:			
From Contract and other Deposits—For expenses incurred on account of, and paid out of Appropriations for Municipal Revenue	$ 2,905 18		
For forfeited deposits for failure to enter into Contract	750 00	$ 3,655 18	
From Poor House Bakery—Amount collected for bread delivered to City Institutions in excess of expenses		3,064 67	
From Poor House Dairy—Amount collected for milk delivered to City Institutions in excess of expenses		453 43	
From Witnesses and other Fees—Unclaimed fees remaining in the Treasury more than one year		1,434 80	
From Dog Pound—Unexpended balance, work completed		15 00	
From Re-drawing Map—Unexpended balance, work completed		53	
From Four Courts Building—Repairing roof, unexpended balance, work completed		7 70	
From Purchase of Real Estate and Erection of Public Buildings—Unexpended balance		88 66	8,719 97
Total Resources			$3,614,888 85

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STATEMENT "A"—Continued.

APPROPRIATIONS:		
FOR GENERAL EXPENSES—		
(Warrants drawn against the Treasury out of appropriations for general purposes.)		
Courts and Expenses incident thereto:		
Costs and Legal Expenses payable from Municipal Revenue	$ 30,526 56	
Courts	80,473 68	
Jury Commissioner	4,024 59	
Jury and Witness' Fees	39,696 40	
Law Department	9,499 57	
Marshal's Office	19,089 71	$ 183,310 51
Coroner and Morgue:		
Coroner	$ 9,573 29	
Morgue	2,426 48	11,999 77
Departments where the fees of the office pay the expenses:		
Board of Engineers and Boiler Inspector	$ 5,024 70	
Inspector of Weights	6,547 58	
Recorder of Deeds	27,433 79	39,006 07
Fire Department and Fire Alarm Telegraph:		
Fire Alarm Telegraph	$ 29,877 00	
Fire Department	418,194 45	448,071 45
Health Department:		
Abating Nuisances on public property and general Sanitary Measures	$ 9,999 59	
Board of Health, and Commissioner	37,854 73	
City Dispensary	17,336 29	
City Hospital	75,973 05	
Female Hospital	53,302 48	
Insane Asylum	81,543 82	
Poor-House	71,392 81	
Quarantine and Smallpox Hospital	4,855 49	
Removal of Garbage	18,933 29	371,191 55
House of Refuge, Jail and Work-House:		
House of Refuge	$ 34,602 40	
Jail	27,197 04	
Jail Repairs	9 50	
Work-House	49,313 37	111,122 31
Lighting City:		
Gas Light	$ 273,839 30	
Gasoline Lamps—Maintaining	12,098 78	285,938 08

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STATEMENT "A"—Continued.

Police:		
Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	$ 483,443 90	
All other Salaries and Current Expenses	78,914 05	
Erection of Stable	2,500 00	
Purchase of Lot	3,500 00	568,357 95
Public Buildings:		
City Hall—Salaries and Current Expenses	$ 11,424 88	
City Hall—Repairs and Alterations	2,423 92	
Court House—Salaries and Current Expenses	12,537 65	
Court House—Repairs and Alterations	4,795 77	
Court House—Electric Light Illumination during Exposition and Fair	350 00	
Four Courts Building—Salaries and Current Expenses	14,397 08	
Four Courts Building—Repairs and Alterations	4,698 63	50,627 93
Public Improvements—Salaries, expenses and Repairs:		
Board of Public Improvements—President's Department		20,835 55
Fund for Numbering Houses		5,984 63
Sewers—Salaries, Current Expenses and Repairs		41,859 58
Streets:		
Street Commissioner's Department	$ 44,895 30	
Street Bridges and Culverts—Miscellaneous and Repairs	23,137 22	
Street Clean'g—Floating Dumps	6,918 50	
Street Clean'g—Floating Dumps, construction	5,065 75	
Street Cleaning—Labor and Carts	119,713 93	
Street Cleaning—Stone and Wood Blocks and Asphaltum Pavements	44,507 86	
Street Grades aud Surveys	5,993 67	
Street Repairs—Macadam and other Material	143,166 85	
Street Repairs—Miscellaneous Expenses	93,085 65	
Street Repairs—Reconstructed Streets	13,852 01	
Street Repairs—Salaries	18,309 45	
Streets—Special Service	3,988 78	
Opening Streets—Expenses	12,996 40	535,631 37

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STATEMENT "A"—Continued.

(Total for Public Improvements —Salaries, Expenses and Repairs, as per detail above, $604,311.13.)			
Departments not classified above:			
Assessment of Revenue	$ 65,919 63		
Commissioner of Public Buildings	12,005 99		
Commissioner of Supplies . . .	11,498 59		
Municipal Assembly	31,876 09		
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer, and Employes	52,506 07	173,806 37	
Miscellaneous Expenses:			
Catching and Killing Dogs . . .	$ 6,000 00		
Changing Ward Boundaries: . .	3,600 00		
Contingent Fund	4,215 53		
Election and Registration	47,188 58		
Insurance	324 75		
Judgments payable from Municipal Revenue	2,757 58		
Making Back Tax Books and Bills	1,255 63		
Markets	10,584 57		
Mayor's Contingent Fund . . .	10,000 00		
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	574 36		
Printing and Stationary for Mayor, Comptroller, Auditor, Register and Treasurer . . .	7,314 52		
Real Estate Account	5,743 11		
Scales	6,736 41		
Scavenger Dumps—Salaries and Current Expenses	6,961 75		
Scavenger Dumps—Construction and Repairs	767 54		
Street Reconstruction — Special Tax against City Property . .	23,821 51	137,825 84	
Appropriations (warrants drawn) for general expenses .			$2,985,568 96
FOR IMPROVEMENTS AND SPECIAL PURPOSES:			
For New Public Work—			
Sewers—Construction		$ 62,904 78	
Streets—Improvements		48,768 08	
Street Bridges and Culverts		96,605 39	
Street Reconstruction—For excess of cost of, over 25 per cent of assessed valuation of property abutting		44,368 12	252,646 37
For Other Special Purposes:			
Opening Streets—Special Fund—For benefits assessed against the City		$ 10,772 49	

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STATEMENT "A"—Continued.

Parks—Park Commissioner and all the parks under his control—Special Accounts		$44,196 82	
Lafayette Park		5,000 00	
Tower Grove Park		25,000 00	
Construction of Engine House and Purchase of Lots—For purchase of Lot		800 00	
Contingent Fund—Relief Ordinances:			
For Relief of Geo. Dennison, Ord. No. 13,873	$ 3,250 21		
For Relief of Frank X. Helbring, Ord. No. 13,958	200 00	3,450 21	
Costs and Legal Expenses payable from Municipal Revenue—For City's contribution to pay costs in case of Warswick Manf. Co. vs. The City of Kansas, for alleged infringement on swing harness used by the Fire Department		300 00	
Courts—For copying Index to Wills in Probate Court		100 00	
Fire Department - For New Engine		4,800 00	
Improvements, Alterations and Repairs of Buildings:			
City Hall	$ 750 00		
Court House	1,850 00		
Four Courts Building	8,399 05		
City Hospital	1,500 00		
Insane Asylum	3,892 20		
House of Refuge	14,923 40	31,314 65	
Judgments payable from Municipal Revenue—For amouut appropriated to cover judgment in favor of St. Louis Gas Light paid last fiscal year, the amount having been advanced out of money in the Treasury		100,000 00	
Planting Shade Trees on Lindell Avenue		500 00	
Special Tax—New Work—To pay for improvements abutting property owned by the City		3,870 00	
Real Estate Account—Sidewalk at Four Courts		1,211 28	
Refunding Meat Shop Licenses — Collected under an ordinance declared invalid by Supreme Court		3,000 00	
Relief Ordinances:			
For relief of E. S. Stevenson, Ord. No. 13,933	$ 20 00		
For relief of Anastasia Cantwell, Ord. No. 13,994	150 00		
For relief of J. A. Larkin, Ord. No. 13,703	111 13		
For relief of Anton Vest, Ord. No. 13,819	153 00		
For relief of Chas. H. Groby, Ord. No. 13,818	500 00	1,034 13	
Scavenger Dumps—Construction and Repairs—New Dump		4,500 00	239,849 58
Total appropriations			$3,478,064 91

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STATEMENT "A"—Continued.

TRANSFERS:

To Opening Streets—Special Fund:			
For Collector's Commissions on Street Opening Special Tax Bills		$ 4,114 29	
For Special Tax Bills Cancelled		331 66	4,445 95
Total appropriations and transfers			$3,482,510 86
Total Resources of Municipal Revenue			$3,614,888 85
Total Appropriations from Municipal Revenue			3,482,510 86
Unappropriated Balance, April 11, 1887			$ 132,377 99

THIRD.

WATER WORKS REVENUE.

RESOURCES:

Unappropriated Balance April 13. 1886			$186,671 25
Receipts into the Treasury:			
Water Rates, Permits, etc.		$868,043 10	
Sale of brick, etc., from old reservoir	$ 87 00		
Sale of condemned horses	135 25		
Cost of repairing damage to Force Main at Grand Avenue Bridge returned by Contractor	74 80	297 05	868,340 15
Total Resources			$1,055,011 40

APPROPRIATIONS:

For Warrants drawn against the Treasury:			
Operating expenses and cost of collecting the Revenue:			
Assessor and Collector of Water Rates	$ 50,505 66		
Water Works	243,827 00		
Water Works — Special Tax against Reservoir Property	1,376 97	$295,709 63	
On account New Work:			
Water Works Extension—Salaries and Expenses		8,398 10	$304,107 73
For amount set apart out of the Revenue; re-appropriated for specific purposes by ordinances:			
Water Pipe (and laying)	$107,137 54		
Water Works Extension	37,262 17	$144,399 71	
Relief of Henry Ames & Co., Ord. No. 13,813	$ 269 50		
Relief of Margaret Brophy, Ord. No. 13,989	1,500 00	1,769 50	146,169 21
Total Appropriations from Water Works Revenue			$450,276 94
Total Resources of Water Works Revenue			$1,055,011 40
Total Appropriations from Water Works Revenue			450,276 94
Unappropriated Balance April 11, 1887			$604,734 46

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STATEMENT "A"—Continued.

FOURTH.

HARBOR FUND.

RESOURCES:		
Uuappropriated Balance April 13, 1886		$7,842 92
Receipts into the Treasury—		
Wharfage and Rents	$67,420 42	
Judgment against the Wiggins Ferry Co. collected	6,696 17	
Sale of condemned and useless material	13 65	74,130 24
Total resources		$81,973 16
APPROPRIATIONS:		
For warrants drawn against the Treasury:		
Cleaning Levee and removing obstructions	$10,322 53	
Harbor and Wharf—Salaries and current expenses	12,307 58	
Harbor Boat	11,158 30	
Repairs—Dikes, Wharf and River Banks	25,594 94	
Total appropriations (warrants drawn)		$59,383 35
Total resources of Harbor Fund		$81,973 16
Total appropriations from Harbor Fund		59,383 35
Unappropriated balance April 11, 1887		$22,589 81

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STATEMENT "B"—SPECIAL FUNDS AND ACCOUNTS.

SPECIAL FUNDS.

Proceeds Sales of Renewal Bonds:			
Amount appropriated from, for Redemption of Bonds		$325,000 00	
Amount paid into the Treasury for bond sold to the Board of Fund Commissioners		135,000 00	
Debit balance April 11, 1887			$190,000 00
Opening Streets—Special Fund:			
Debit balance April 13, 1886		107,510 22	
Appropriations from, to pay damages in matter of opening Streets and Alleys		132,627 91	
		240,138 13	
By Appropriation from Municipal Revenue	$ 10,772 49		
By Transfer from Municipal Revenue:			
For Collector's Commissions on collections of benefits assessed	4 114 29		
For Special Tax Bills cancelled,	331 66		
Total from Municipal Revenue,	15,218 44		
By Receipts into the Treasury—			
Special Tax Bills Collected	121,824 33		
By amount transferred from Opening Benton Street, Ordinance No. 13,101, having been repealed by Ordinance No. 13,875	20,345 75	157,388 52	
Debit balance April 11, 1887—Amount of Special Tax Bills in hands of the Collector			$82,749 61
City Treasury Notes—Municipal Currency—			
Issue of 1873:			
Balance to credit April 13, 1886		36 00	
Balance to credit April 11, 1887			$ 36 00
Issue prior to 1870:			
Balance to credit April 13, 1886		49 25	
Balance to credit April 11, 1887			49 25
Constantine Maguire Fund—			
Balance to credit April 13, 1886		6,135 78	
Balance to credit April 11, 1887			6,135 78
Contract and other Deposits—			
Balance to credit April 13, 1886	$ 36,289 69		
Receipts into the Treasury, on account of	543,505 52	$579,795 21	

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STATEMENT "B"—Continued.

Warrants drawn against Treasury (deposits returned)	554,869 29		
Transferred to Municipal Revenue for non-compliance with conditions stipulated by ordinance requiring the deposit; the expenses incurred were paid out of appropriations from Municipal Revenue	2,905 18		
Transferred to Municipal Revenue, deposit forfeited for failure to enter into contract	750 00	558,524 47	
Balance to credit April 11, 1887			21,270 74
Old County Claims—			
Balance to credit April 13, 1886		2,242 43	
Balance to credit April 11, 1887			2,242 43
Parks—(All parks under control of Park Commissioner)—			
Balance to the credit of the several Parks April 13, 1886	863 14		
Receipts into the Treasury from Parks	2,678 75		
Appropriations from Municipal Revenue	44,196 82	47,738 71	
Warrants drawn against Treasury		46,928 87	
Balance to credit April 11, 1887			809 84
Lafayette Park—			
Balance to credit April 13, 1886	44 52		
Appropriation from Municipal Revenue	5,000 00	5,044 52	
Warrants drawn against the Treasury		5,040 04	
Balance to credit April 11, 1887			4 48
Tower Grove Park—			
Appropriation from Municipal Revenue		25,000 00	
Warrants drawn against Treasury		25,000 00	
Speeding Track in Forest Park—Ord. No. 13,927—			
Receipts into the Treasury		500 00	
Balance to credit April 11, 1887			500 00
Poor House Bakery—			
Receipts into Treasury for bread delivered to City Institutions and empty flour barrels sold		$26,195 99	
Warrants drawn against Treasury	$23,131 32		
Transferred to Municipal Revenue	3,064 67	26,195 99	
Poor House Dairy—			
Receipts into Treasury for Milk delivered to City Institutions and sales of calves		$7,597 79	
Warrants drawn against Treasury	$7,144 36		
Transferred to Municipal Revenue	453 43	7,597 79	
Redemption of Bonds—Special Fund—			
Balance April 13, 1886		$691,709 18	

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STATEMENT "B"—Continued.

Receipts into Treasury, viz:			
Interest on daily balances of the fund	$15,764 08		
Amount Voucher No. 17, Interest Account for accrued interest on bonds purchased	3,693 54		
Amount balance of remittances to bank withdrawn	32	$19,457 94	
		$711,167 12	
Warrants drawn against Treasury for bonds bought and canceled		710,621 79	
Balance to credit April 11, 1887			$545 33
Redemption of Lands sold for Taxes—			
Balance to credit April 13, 1886		235 71	
Balance to credit April 11, 1887			235 71
Refunding Licenses and Taxes, Thirteenth Ward—			
Balance to credit April 13, 1886		83 95	
Balance to credit April 11, 1887			83 95
Refunding Water Pipe Special Taxes—			
Balance to credit April 13, 1886		862 94	
Balance to credit April 11, 1887			862 94
Sinking Fund—			
Amount due April 13, 1886	$10,676 80		
Appropriation from interest and public debt revenue	10,000 00	20,676 80	
Warrant drawn against Treasury in favor of Board of Fund Commissioners		20,676 80	
School Section 16—T. 45N., R. 7E.—			
Receipts into the Treasury on account of compromises made by the Commissioner		1,259 28	
Warrant drawn against the Treasury in favor of the Public Schools		1,259 28	
Wharf North—Floating Debt—For benefits collected and to be returned, proceedings of condemnation having been set aside—			
Balance to credit April 13, 1886	32 59		
Balance to credit April 11, 1887		32 59	
Witness and Other Fees—Special Fund (Unclaimed fees paid into the Treasury by officers of courts)—			
Balance to credit April 13, 1886	1,491 80		
Receipts into the Treasury	2,563 88	4,055 68	
Warrants drawn against Treasury	270 45		
Transferred to Municipal Revenue—(Amount remaining in the Treasury unclaimed for over one year	1,434 80	1,705 25	
Balance to credit April 11, 1887			2,350 43

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STATEMENT "B"—Continued.

SPECIAL ACCOUNTS.

(Accounts for which appropriations are made for special purposes. These special appropriations stand until the object is accomplished, when the unexpended balance is transferred to the fund from which the appropriation was made. Accounts of the various appropriations are condensed according to their general purpose. By the term "appropriation," wherever it occurs, is meant the net amount after transferring unappropriated balances, set apart for the general purpose out of the revenues of the fiscal year 1886-'87.)

Contingent Fund Relief Ordinances—			
Balance to credit April 13, 1886 . .	$ 165 00		
Appropriations from Municipal revenue	3,450 21	3,615 21	
Warrants drawn against the Treasury in favor of:			
Wm. Morris, Ord. No. 13,628 . .	$ 165 00		
Geo. Dennison, Ord. No. 13,873 .	3,250 21		
Frank X. Hebring, Ord. No. 13,958	200 00	3,615 21	
Construction of Engine Houses and Purchase of Lots—			
Appropriation from Municipal Revenue, for purchase of lot		$ 800 00	
Balance to credit, April 11, 1887			800 00
Costs and Legal Expenses, payable from Municipal Revenue—			
Appropriation from Municipal Revenue, to pay City's contribution for costs in the case of Warswick Manfg. Co. vs. The City of Kansas .		$300 00	
Balance to credit April 11, 1887			300 00
Courts—			
Appropriation from Municipal Revenue for copying Index to Wills in Probate Court		$100 00	
Balance to credit April 11, 1887			100 00
Damages Due in Opening Streets, Alleys, etc.—			
Balances to credit of sundry accounts April 13, 1886	$83,811 79		
Appropriations from Opening Str'ts —Special Fund	132,627 91	216,439 70	
Warrants drawn against Treasury .	128,671 59		
Transfer to Opening Streets—Special Fund, the ordinance for the opening of Benton Street having been repealed	20,345 75	149,017 34	
Balances to credit of sundry accounts, April 11, 1887			67,422 36
Dog Pound—			
Balance to credit April 13, 1886		1,000 00	
Warrants drawn against Treasury	985 00		
Transfer to Municipal Revenue—Work completed	15 00	1,000 00	

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STATEMENT "B"—Continued.

Fire Department—			
Appropriation from Municipal Revenue for New Engine		4,800 00	
Balance to credit April 11, 1887			4,800 00
Fund for Re-drawing Map—			
Balance April 13, 1886		342 53	
Warrants drawn against Treasury	342 00		
Transfer to Municipal Revenue—Work completed	53	342 53	
Gasoline Lamps—Erection of—			
Balance to credit April 13, 1886		400 00	
Balance to credit April 11, 1887			400 00
House of Refuge—Furnishing New Building—			
Balance to credit April 13, 1886		5,000 00	
Warrants drawn against Treasury		3,862 87	
Balance to credit April 11, 1887			1,137 13
Improvements, Alterations and Repairs of Buildings—			
City Hall—Room for Board of Public Improvements—Appropriation from Municipal Reveuue		750 00	
Balance to credit April 11, 1887			750 00
Court House—Rooms for Clerk of Circuit Court and Assessor—Appropriations from Municipal Revenue		1,85 00	
Balance to credit April 11, 1887			1,850 00
Four Courts Building—Repairing Roof—			
Balance to credit April 13, 1886		2,015 35	
Warrants drawn against Treasury	2,007 65		
Transfer to Municipal Revenue—Work completed	7 70	2,015 35	
Four Courts Building—Painting Exterior—			
Appropriation from Municipal Revenue		2,099 09	
Warrants drawn against Treasury		2.099 09	
Four Courts Building—New Boilers and Repairing Steam-Heating Apparatus—			
Appropriation from Municipal Revenue		6,299 96	
Warrants drawn against Treasury		6,299 96	
City Hospital—Improvements, Alterations and Repairs—			
Appropriation from Municipal Revenue		1,500 00	
Warrants drawn against Treasury		1,500 00	
Insane Asylum—Improvements, Alterations and Repairs—			
Appropriation from Municipal Revenue		3,892 20	
Warrants drawn against Treasury		1,500 00	
Balance to credit April 11, 1887			$2,392 20

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STATEMENT "B"—Continued.

House of Refuge—Improvement, Alterations and Repairs—		
Appropriation from Municipal Revenue	14,923 40	
Warrants drawn against Treasury	14,923 40	
Planting Shade Trees on Lindell avenue—Ordinanc No. 13,975—		
Appropriation from Municipal Revenue	500 00	
Balance to credit April 11, 1887		500 00
Purchase of Real Estate and Erection of Public Buildings—		
Balance to credit April 13, 1886	1,088 66	
Warrants drawn against Treasury. 1,000 00		
Transfer to Municipal Revenue. . 88 66	1,088 66	
Real Estate Account—Sidewalk at Four Courts—		
Appropriation from Municipal Revenue	1,211 28	
Balance to credit April 11, 1887		1,211 28
Redemption of Bonds—		
Appropriation from Proceeds Sales of Bonds. .	325,000 00	
Warrants drawn against Treasury for Bonds matured and paid	325,000 00	
Refunding Meat Shop Licenses—		
Appropriation from Municipal Revenue to refund meat shop licenses collected under an ordinance declared invalid by the Supreme Court	3,000 00	
Balance to credit April 11, 1887		3,000 00
Relief of E. T. Stevenson—Ordinance No. 13.933—		
Appropriation from Municipal Revenue	20 00	
Balance to credit April 11, 1887		20 00
Relief of Anastasia Cantwell—Ord. No. 13,994—		
Appropriation from Municipal Revenue	150 00	
Balance to credit April 11, 1887		150 00
Relief of Margaret Brophy—Ord. No. 13,989—		
Appropriation from Water Works Revenue . .	1,500 00	
Balance to credit April 11, 1887		1,500 00
Relief of J. A. Larkin—Ord. No. 13,703—		
Appropriation from Municipal Revenue	211 13	
Warrants drawn against Treasury	211 13	
Relief of Anton Vert—Ord. No. 13,819—		
Appropriation from Municipal Revenue	153 00	
Warrants drawn against Treasury	153 00	
Relief of Charles H. Groby—Ord. No. 13,818—		
Appropriation from Municipal Revenue	500 00	
Warrants drawn against Treasury	500 00	

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STATEMENT "B"—Continued.

Relief of Henry Ames & Co.—Ord. No. 13,813—			
Appropriation from Water Works Revenue . .		$269 50	
Warrant drawn against Treasury		269 50	
Scavenger Dumps—Construction and Repairs—			
Appropriation from Municipal Revenue for construction of a new dump		4,500 00	
Balance to credit April 11, 1887			$4,500 00
Sewers—Construction (New Work) —			
alances to credit of sundry accounts April 13, 1886	$124,200 45		
Appropriations from Municipal Revenue	62,904 78	187,105 23	
Warrants drawn against Treasury		101,683 93	
Balances to credit of sundry accounts April 11, 1887			85,421 30
Street Improvement (New Work)—			
Balances to credit of sundry accounts April 13, 1886	33,731 53		
Appropriation from Municipal Revenue	48,768 08		
Receipts into the Treasury on account of contributions by property owners required by ordinance	2,076 00	84,575 61	
Warrants drawn against Treasury		44,652 12	
Balances to credit of sundry accounts April 11, 1887			39,923 49
Street Bridges and Culverts (New Work)			
Balance to credit of sundry accounts April 13, 1886	110,376 26		
Appropriation from Municipal Revenue	96,605 39	206,981 65	
Warrants drawn against Treasury		117,683 43	
Balance to credit of sundry accounts April 11, 1887			89,298 22
Streets — Reconstruction (for excess of costs over 25 per cent of assessed valuation of property abutting)—			
Balances to credit of sundry accounts April 13, 1886	39,363 00		
Appropriations from Municipal Revenue	44,368 12	83,731 12	
Warrants drawn against Treasury		18,264 12	
Balances to credit of sundry accounts April 11, 1887			65,467 00
Special Tax Fund (New Work)—			
Amount appropriated from Municipal Revenue to pay for improvements abutting property owned by City		3,870 00	
Balance to credit April 11, 1887			3,870 00

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STATEMENT "B"—Continued.

Water Pipe and Laying (New Work)—			
Balance to credit of sundry accounts April 13, 1886	$198,412 71		
Appropriation from Water Works Revenue	107,137 54	$305,550 25	
Warrants drawn against Treasury		161,480 57	
Balance to credit of sundry accounts April 11, 1887			$144,069 68
Water Works—Extension (New Work and building site for same)—			
Balance to credit of sundry accounts April 13, 1886	181,387 84		
Appropriation from Water Works Revenue	37,262 17	218,650 01	
Warrants drawn against Treasury		67,937 71	
Balance to credit of sundry accounts April 11, 1887			150,712 30

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STATEMENT "C."--TRANSACTIONS THROUGH THE TREASURY.

Receipts into, Disbursements from, and Balance in the City Treasury at Close of Fiscal Year and Balance to Credit of the Revenue and Special Funds and Accounts.

FIRST.

RECEIPTS.

Receipts on account of Revenue Funds (For details see Statement "A.")		
Interest and Public Debt Revenue	$1,438,671 32	
Municipal Revenues	3,477,325 16	
Water Works Revenue	868,340 15	
Harbor Fund	74,130 24	$5,858,466 87
Receipts on account of Special Funds and Accounts (See Statement "B.")		
Opening Streets—Special Fund	121,824 33	
Contract and other deposits	543,505 52	
Parks—General	2,678 75	
Redemption of Bonds—Special Fund	19,457 94	
Poor House Bakery	26,195 99	
Poor House Dairy	7,597 79	
Proceeds sale of Renewal Bonds	135,000 00	
School Section 16, T. 45N., R. 7E.	1,259 28	
Speeding Track, Forest Park	500 00	
Witness and other Fees—Special Fund	2,563 88	
Street Improvements—Contributions by property owners	2,076 00	862,659 48
Total receipts during fiscal year		6,721,126 35
Balance in Treasury April 13th, 1886		1,851,052 76
Total		8,572,179 11

SECOND.

DISBURSEMENTS.

Warrants drawn against the Treasury chargeable to the general appropriations from the Revenue Funds. (For details see Statement "A.")		
Interest and Public Debt Revenue	$1,456,708 25	
Municipal Revenue	2,985,568 96	
Water Works Revenue	304,107 73	
Harbor Fund	59,383 35	4,805,768 29

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STATEMENT "C"--Continued.

Warrants drawn against the Treasury, chargeable to to Special Funds and Accounts, as follows. (See Statement "B.")		
Contract and other deposits	$554,869 29	
Park (under control of Park Commissioner)	46,928 87	
Lafayette Park	5,040 04	
Tower Grove Park	25,000 00	
Poor House Bakery	23,131 32	
Poor House Dairy	7,144 36	
Redemption of bonds—Special Fund	710,621 79	
Sinking Fund	20,676 80	
School Section 16, T. 45N., R. 7E.	1,259 28	
Witness and other fees	270 45	
Contingent Fund—For relief by Special Ordinances	3,615 21	
Damages due in opening Streets, Alleys, &c.	128,671 59	
Dog Pound	985 00	
Fund for Re-drawing Map	342 00	
House of Refuge—Furnishing new building	3,862 87	
Four Courts Building—Repairing roof	2,007 65	
" " " Painting exterior	2,099 09	
" " " New Boilers, &c	6,299 96	
City Hospital—Improvements, alterations and repairs	1,500 00	
Insane Asylum—Improvements, alterations and repairs	1,500 00	
House of Refuge—Improvements, alterations and pairs	14,923 40	
Purchase of Real Estate and erection of Public Buildings	1,000 00	
Redemption of Bonds	325,000 00	
Relief of J. A. Larkin—Ord. No. 13703	211 13	
Relief of Anton Vert—Ord. No. 13819	153 00	
Relief of Charles H. Groby—Ord. No. 13818	500 00	
Relief of Henry Ames & Co.—Ord. No. 13813	269 50	
Sewer Construction—New Work	101,683 93	
Street Improvements—New Work	44,652 12	
Street Bridges and Culverts—New Work	117,683 43	
Street Reconstruction	18,264 12	
Water-Pipe and Laying	161,480 57	
Water-Works Extension—New Work	67,937 71	$2,399,584 48
Total Warrants drawn during fiscal years 1886-'87		7,205,352 77
Warrants on hand April 13, 1886		60,931 49
		7,266,284 26
Warrants on hand April 11, 1887		116,142 79
Disbursements out of the Treasury during the fiscal year 1886-'87		7,150,141 47
Total receipts into the Treasury during fiscal year 1886-'87, including balance in Treasury April 13, 1886, as above		8,572,179 11
Total disbursements out of the Treasury		7,150,141 47
Balance in Treasury April 11, 1887		1,422,037 64

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STATEMENT "C"—Continued.

THIRD.

CONDITION OF THE TREASURY.

Balance in Treasury April 11, 1887 (as above)			$1,422,037 64
Add:—			
Amount debit balance Proceeds Sales of Renewal Bonds, being amount of bonds redeemed in excess of amount of issued and sold; this amount in bonds will be issued and sold during the fiscal year 1887-88		$190,000 00	
Amount debit balance Opening Streets—Special Fund—being uncollected street opening special tax bills for benefits assessed. The balances to the credit of the appropriations to pay damages included in statement below (See also statement "B," "Opening Streets Special Fund")		82,749 61	272,749 61
			$1,694,787 25
Belonging to the following Revenue and Special Funds and Accounts, viz.:			
Revenue Funds (Unappropriated balances to the credit of, April 12, 1886. See Statement "A.")			
Interest and Public Debt Revenue		114,187 77	
Municipal Revenue		132,377 99	
Water Works Revenue		604,734 46	
Harbor Fund		22,589 81	873,890 03
Special Funds and Accounts (Balances to credit of, April 12, 1886. See Statement "B.")			
City Treasury Notes (Municipal Currency):			
Issue 1873	$ 36 00		
Issue prior to 1870	49 25	85 25	
Constance Maguire Fund		6,135 78	
Contract and other Deposits		21,270 74	
Old County Claims		2,242 43	
Parks (General)—Under control of Park Commissioner	809 84		
Lafayette	4 48	814 32	
Redemption of Bonds—Special Fund—Unexpended balance of the $700,000 paid by Pacific R. R. on account of loan		545 33	
Redemption of Lands Sold for Taxes		235 71	
Refunding Licenses and Taxes, 13th Ward		83 95	
Refunding Water Pipe Special Taxes		862 94	
Speeding Track in Forest Park		500 00	
Wharf - North—Floating Debt		32 59	
Witness and other Fees—Special Fund		2,350 43	35,159 47

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STATEMENT "C"--Continued.

Construction of Engine Houses and Purchase of Lots		$ 800 00	
Costs and Legal Expenses payable from Municipal Revenue		300 00	
Courts		100 00	
Damages due in Opening Streets, Alleys, etc. (Sundry accounts)		67,422 36	
Fire Department		4,800 00	
Gasoline Lamps—Erection of		400 00	
House of Refuge—Furnishing New Building		1,137 13	
Improvement, Alterations and Repairs of Buildings—			
City Hall	750 00		
Court House	1,850 00		
Insane Asylum	2,392 20	4,992 20	
Planting Shade Trees on Lindell Avenue		500 00	
Real Estate account		1,211 28	
Refunding Meat Shop Licenses		3,000 00	
Relief Ordinances in favor of—			
E. S. Stevenson, Ord. No. 13,933	20 00		
Anastasia Cantwell, Ord. No. 13,994	150 00		
Margaret Brophy, Ord. No. 13,989	1,500 00	1,670 00	
Scavenger Dumps—Construction and Repairs		4,500 00	
Sewers—Construction (Sundry accounts)		85,421 30	
Street Improvements (Sundry accounts)		39,923 49	
Street Bridges and Culverts (Sundry accounts)		89,298 22	
Streets—Reconstruction (Sundry accounts)		65,467 00	
Special Tax Fund—New work		3,870 00	
Water Pipe and Laying (Sundry accounts)		144,069 68	
Water Works—Extension (Sundry accounts)		150,712 30	
Auditor's Warrants unpaid April 11, 1887		116,142 79	$ 785,737 75
			$1,694,787 25

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ESTIMATES FOR FISCAL YEAR 1887-88.

STATEMENT "D."—REVENUE FUNDS.

Estimated Resources of the various Revenue Funds, and Estimated Requirements of the various Departments of the City Government for the Fiscal Year, from April 12, 1887, to April 9, 1888.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

(For interest and valid indebtedness existing prior to Constitution and Charter.)

AMOUNTS AVAILABLE FOR APPROPRIATION—			
Unappropriated balance to credit April 12th, 1887			$114,187.77
Revenue—			
Taxes 1887—			
$\frac{19}{100}$ of 1 per cent on $190,176,920 estimated assessed value of real and personal property (excepting steamboats) in Old Limits, less 12 per cent. delinquency	$1,171,489 83		
$\frac{25}{100}$ of 1 per cent on $8,250,380 estimated assessed value of real estate in New Limits (described in Sec. 2, Art. V of Charter) less 12 per cent. delinquency	25,411 17		
$\frac{1}{18}$ of 1 per cent on $16,002,870 estimated assessed value of real and personal property in New Limits, less 12 per cent delinquency . .	14,082 53		
Railroad taxes, 1887—On assessment by State Board of Equalization . .	13,000 00		
Delinquent taxes	90,000 00	$1,313,983 53	
Interest on current deposits		15,000 00	1,328,983 53
Total estimated resources			$1,443,171 30

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STATEMENT "D"—Continued.

AMOUNT OF APPROPRIATIONS REQUIRED—		
Interest, discount and expenses on the bonded and temporary debts	$1,307,900 00	
Cost and legal expenses (in cases where cause of action existed prior to Constitution and Charter)	1,000 00	
Judgments (where cause of action existed prior to Constitution and Charter)	10,000 00	
Sinking Fund, annual appropriation as required by by Constitution and Charter	10,000 00	
Redemption of bonds	114,000 00	
Total estimated requirements		$1,442,900 00
Excess of estimated resources over estimated requirements		$ 271 30

SECOND.

MUNICIPAL REVENUE.

(For General Municipal Purposes.)

AMOUNTS AVAILABLE FOR APPROPRIATION—			
Unappropriated balance to credit April 12, 1887			$132,377 99
Revenue—			
Taxes 1887—			
1 per cent on $190,176,920 estimated assessed value of real and personal property (excepting steamboats) in Old Limits, less 12 per cent delinquency	$1,673,556 90		
1/10 of 1 per cent on $815,170 estimated assessed value of steamboat property	815 17		
9/10 of 1 per cent on $8,250,380 esmated assessed value of real estate in New Limits (described in Sec. 2 Art. V of Charter, less 12 per cent delinquency	65,343 01		
1/10 of 1 per cent on $16,002.870 estimated assessed value of real and personal property in New Limits, less 12 per cent delinquency	56,330 13		
Railroad Taxes, 1887. On assessment by State Board of Equalization	17,333 33		
Delinquent taxes	125,000 00	$1,938,378 54	
Licenses—			
Commission Merchants	$17,000 00		
Dog	10,000 00		
Dramshop	715,000 00		
Insurance Companies	15,000 00		
Manufacturers	97,000 00		
Merchants	150,000 00		
Peddlers and Hawkers	15,000 00		
Street Railways	10,000 00		
Vehicle	75,000 00		
All other licenses	40,000 00	1,144,000 00	

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STATEMENT "D"—Continued.

Boiler Inspections		$7,000 00	
Building Permits		5,000 00	
Collections on Franchises—			
Citizens' Railway Co , Ordinance 11,528	$10,000 00		
People's Railway Co., Ordinance 11,956	3,000 00		
St. Louis Railroad Co.,Ordinance 12,477	5,000 00		
St. Louis Cable and Western Railroad, Ordinance 12,852	1,000 00		
Forest Park, Laclede and Fourth Street Railway, Ord. 12,888	2,000 00		
St. Louis Gas, Fuel and Power Co., Ordinace 11,358	250 00		
Electric Light Companies	3,000 00		
Telephone Companies	3,500 00	27,750 00	
Dividend on Stock, St. Louis Gas Light Co		3,000 00	
Fines, Fees and Commissions		80,000 00	
Markets		30,000 00	
Recorder of Deeds		29,000 00	
Rents		2,500 00	
Scales		20,000 00	
State's portion cost of Assessing the Revenue		32,000 00	
State's appropriation for Support of the Insane		35,000 00	
State's appropriation for rent, lighting and heating St. Louis Court of Appeals		2,000 00	
Weights and Measures Inspections		10,000 00	
All other sources		20,000 00	$3,385.628 54
Total available for appropriation			3,518,006 53
AMOUNTS OF APPROPRIATIONS REQUIRED—			
Courts and expenses incident thereto—			
Costs and legal expenses		$30,000 00	
Courts		78,456 10	
Jury Commissioner		7,850 00	
Jury and witness fees		45,000 00	
Law department		8,900 00	
Marshal's office		19,000 00	189,206 10
Coroner and Morgue—			
Coroner		9,941 00	
Morgue		2,250 00	12,191 00
Departments where fees of the office pay the expenses—			
Board of Engineers and Boiler Inspector		4,900 00	
Inspector of Weights aud Measures		6,625 00	
Recorder of Deeds		29,970 00	41,495 00

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STATEMENT "D"—Continued.

Fire Department and Fire Alarm Telegraph—		
Fire Alarm Telegraph	$27,245 00	
Fire Department	418,090 00	$445,335 00
Health Department—		
Abating nuisances on public property and general sanitary measures	5 000 00	
Board of Health and Commissioner	24,925 00	
City Dispensary	17,750 00	
City Hospital	63,750 00	
Female Hospital	46,000 00	
Insane Asylum	77,000 00	
Poor House	70,000 00	
Quarantine and Small Pox Hospital	5,500 00	
Removal of garbage	22,800 00	332,725 00
House of Refuge, Jail and Work House—		
House of Refuge	40,000 00	
Jail	28,000 00	
Work House	51,500 00	119,500 00
Lighting City—		
Gas Light	285,700 00	
Gasoline lamps, maintaining	17,700 00	303,400 00
Police—		
Police—Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	523,800 00	
Police—All other salaries and current expenses.	88,000 00	611,800 00
Public Buildings—		
City Hall—Salaries and current expenses	14,161 08	
City Hall—Repairs and alterations	2,700 00	
Court House—Salaries and current expenses	13,873 32	
Court House—Repairs and alterations	2,800 00	
Four Courts—Salaries and current expenses	14,360 00	
Four Courts—Repairs and alterations	2,270 00	50 164 40
Public Improvements—Salaries, Expenses and Repairs—		
Board of Public Improvements—President's Department	22,300 00	
Fund for numbering houses	5,000 00	
Parks—		
Park Commissioner	5,050 00	
Benton Park	2,500 00	
Carondelet Park, New Limits	2,800 00	
Carr Square	900 00	
Forest Park	15,000 00	
Gamble Place	700 00	
Grawois Park	700 00	
Hyde Park	2,500 00	
Jackson Place	700 00	

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STATEMENT "D"—Continued.

Laclede Park	$ 700 00		
Lyon Park	1,000 00		
O'Fallon Park	2,700 00		
St. Louis Place	2,000 00		
St. Louis Place—Extension	1,500 00		
South St. Louis Place	350 00		
Washington Square	1,000 00		
	40,100 00		
Lafayette Park	8,500 00		
Tower Grove Park	25,000 00	$73,600 00	
Sewers—Salaries, Current Expenses and Repairs		42,000 00	
Streets—			
Street Commissioner's Department	45,500 00		
Street Bridges and Culverts	20,000 00		
Street Cleaning—Floating Dumps,	8,500 00		
Street Cleaning—Labor and Carts.	100,000 00		
Street Cleaning—Stone and Wood Blocks and Asphaltum Pavements	65,000 00		
Street Grades and Surveys	6,000 00		
Street Repairs — Macadam and other material	175,000 00		
Street Repairs—Miscellaneous Expenses	95,000 00		
Street Repairs — Reconstructed Streets	19,000 00		
Street Repairs—Salaries	19,000 00		
Streets—Special Service	4,000 00		
Opening Streets—Expenses	12,000 00	569,000 00	711,900 00
Departments not classified above—			
Assessment of Revenue		64,500 00	
Commissioner of Public Buildings		11,800 00	
Commissioner of Supplies		11,600 00	
Milk Inspector		3,000 00	
Municipal Assembly		29,000 00	
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer, and employes		54,100 00	174,000 00
Miscellaneous Expenses—			
Catching and Killing Dogs		3,000 00	
Contingent Fund		11,000 00	
Election and Registration		9,650 00	
Insurance		15,500 00	
Judgments payable from Municipal Revenue		10,000 00	
Making back tax books and bills		1,000 00	
Markets		12,000 00	
Mayor's Contingent Fund		10,000 00	
Office expenses for Mayor, Comptroller, Auditor, Register and Treasurer		1,000 00	

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STATEMENT "D"—Continued.

Printing and stationery for Mayor, Comptroller, Auditor, Register and Treasurer		$17,000 00	
Real Estate Account		1,700 00	
Scales		7,000 00	
Scavenger Dump—Salaries and current expenses		7,500 00	
Scavenger Dump—Construction and repairs		1,000 00	
Special Attorneys' Fees		125 00	
Special Tax Fund—New Work		2,200 00	$109,675 00
For improvements, etc., requiring the passage of special ordinances—			
New Public Work—			
Sewers—Construction	$ 71,300 00		
Streets—Bridges and culverts	164,000 00		
Improvements	30,000 00		
Reconstructions	90,879 00		
Opening Streets—Special Fund	10,000 00	366,179 00	
Improvements and alterations of Public Buildings—			
Construction of Engine Houses and Purchase of Lots	10,000 00		
Improvements, Alterations and Repairs of Buildings used by the Health Department	30,700 00		
Repairs and Alterations of City Hall, Court House and Four Courts	9,000 00	49,700 00	415,879 00
Total appropriations required			3,517,270 50
Estimated amount available for appropriation			3,518,006 53
Estimated appropriations required			3,517 270 50
Excess of Resources over Requirements			736 03

THIRD.

WATER WORKS REVENUE.

(For completing, constructing, operating and repairing Water Works, and interest on the Water Bonds.)

Estimated amount available for appropriation—		
Unappropriated balance, April 12, 1887		604,734 46
Revenue—		
Water rates, permits, etc.		870,000 00
Total available		$1,474,734 46
Estimated appropriations required—		
For operating expenses and cost of collecting the revenue—		
Assessor and Collector of Water Rates	$ 52,500 00	
Water Works	267,500 00	

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STATEMENT "D"—Continued.

For New Work—			
Water Pipe (and laying)	$55,000 00		
Water Works Extension—			
Pump Main No. 5	35,000 00		
Salaries and Expenses	10,000 00	$100,000 00	
Amount of Water Works Revenue of this fiscal year reserved for the extension of Water Works . . .		450,000 00	$870,000 00
Balance, being unappropriated balance of last year's revenue. This amount is available for the redemption of Water Bonds or the extension of the Water Works			604,734 46

NOTE.—The interest on Water Bonds for this year is provided for out of Interest and Public Debt Revenue.

FOURTH.

HARBOR FUND.

(For repairing and improving the Harbor and Wharf, cleaning Levee and removing obstructions, and for salaries and expenses of the Harbor and Wharf Department.)

Estimated amount available for appropriation—		
Unappropriated balance April 12, 1887		$22,589 81
Revenue—		
Wharfage and rents.		60,000 00
Total available.		82,589 81
Estimated amounts of appropriations required—		
For General Expenses:		
Cleaning Levee and removing obstructions. . .	8,000 00	
Harbor and Wharf—Salaries and current expenses	12,300 00	
Harbor Boat	13 000 00	
Repairs dikes, wharf and river bank	27,000 00	60,300 00
Excess of estimated resources over estimated requirements . . .		22,289 81

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LIABILITIES.

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BONDED DEBT OF THE CITY OF ST. LOUIS.

APRIL 11TH, 1887.

(INCLUDING DEBT OF FORMER COUNTY OF SAINT LOUIS, ASSUMED BY CITY UNDER THE CHARTER.)

Authority of Issue	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1887.			
Ord. 6053	Currency.	May 1, 1867 . . .	6 per ct.	20	May 1, 1887 . . .	National Bank of Republic, N. Y..	Floating Debt	$140,000 00
Ord. 3665	Currency.	May 16, 1857 . . .	6 per ct.	30	May 16, 1887 . . .	National Bank of Republic, N. Y..	Sewers	22,000 00
Ord. 6053	Currency.	June 1, 1867 . . .	6 per ct.	20	June 1. 1887 . . .	National Bank of Republic, N. Y..	Floating Debt	191,000 00
Ord. 3668	Currency.	June 10, 1857 . . .	6 per ct.	30	June 10 1887 . . .	National Bank of Republic, N. Y..	Improvement of Streets. . .	10,000 00
Ord. 6177, 6268, 6364	Gold . . .	June 25, 1867 . . .	6 per ct.	20	June 25, 1887 . . .	National Bank of Republic N. Y..	New Water Works	3,308,000 00
Ord. 6220	Currency.	July 1, 1867	6 per ct.	20	July 1, 1887	National Bank of Republic, N. Y..	Sanitary Purposes	136,000 00
State Act, Mar. 7, '67.	Currency.	July 1, 1867	7 per ct.	20	July 1, 1887	National Bank of Commerce, N. Y.	Insane Asylum	97,000 00
Ord. 6220	Currency.	August 1, 1867. . .	6 per ct.	20	August 1, 1887 . .	National Bank of Republic, N. Y..	Floating Debt	100,000 00
Ord. 6219	Currency.	September 1, 1867.	8 per ct.	20	September 1 1887.	National Bank of Republic, N. Y..	Soulard Market	25,000 00

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					Due 1888.			
Ord. 6368	Currency.	January 1, 1868..	6 per ct.	20	January 1, 1888 .	National Bank of Republic, N. Y..	Union Market	100,000 00
Ord. 6368	Currency.	January 1, 1868..	6 per ct.	20	January 1, 1888 .	National Bank of Republic, N. Y..	Renewal Bonds	200,000 00
Ord. 3616	Currency.	February 1, 1858.	6 per ct.	30	February 1, 1888 .	National Bank of Republic, N. Y..	City Hospital	1,000 00
Ord. 3616	Currency.	February 5, 1858.	6 per ct.	30	February 5, 1888 .	National Bank of Republic, N. Y..	City Hospital	7,000 00
Ord. 3616	Currency.	March 6, 1858 . .	6 per ct.	30	March 6, 1888 . .	National Bank of Republic, N. Y..	City Hospital	2,000 00
Ord. 6449	Currency	May 1, 1868 . . .	6 per ct.	20	May 1, 1888 . . .	National Bank of Commerce, N. Y.	Floating Debt	930,000 00
Ord. 6449	Currency.	May 1, 1868 . . .	6 per ct.	20	May 1, 1888 . . .	National Bank of Commerce, N. Y.	Sewers	497,000 00
Ord. 3890	Currency.	May 20, 1858 . . .	6 per ct.	30	May 20, 1888 . . .	National Bank of Republic. N. Y..	General Purposes	4,000 00
Ord. 3890	Currency.	June 2, 1858 . . .	6 per ct.	30	June 2, 1888 . . .	National Bank of Republic, N. Y..	General Purposes	38,000 00
Ord. 6633	Currency.	August 15, 1868 .	6 per ct.	20	August 15, 1888 .	National Bank of Republic, N. Y..	Improvement of Harbor . .	44,000 00
Ord. 3565	Currency.	August 27, 1858 .	6 per ct.	30	August 27, 1888 .	National Bank of Republic, N. Y..	Sewers	25,000 00
State Act, Mar. 2, '67.	Currency.	September 1, 1868	7 per ct.	20	September 1, 1888	National Bank of Commerce, N. Y.	County Jail	500,000 00
					Due 1889.			
State Act, Mar. 2, '67.	Currency.	July 1, 1869 . . .	7 per ct.	20	July 1, 1889 . . .	National Bank of Commerce, N Y.	Renewal Bonds	100,000 00
Ord. 6995	Currency.	August 1, 1869 . .	6 per ct.	20	August 1, 1889 . .	National Bank of Commerce, N. Y.	Sewers	228,000 00
					Due 1890.	(*See also "Due 1909."*)		
State Act,	Gold . . .	June 25, 1870 . . .	6 per ct.	20	June 25, 1890 . . .	City Treasury	New Water Works	450,000 00
Ord. 682	Currency.	December 1, 1840	5 per ct.	50	December 1, 1890	City Treasury	Public Square	25,000 00
					Due 1891.			
Ord. 7344	Currency.	February 1, 1871 .	6 per ct,	20	February 1, 1891 .	National Bank of Republic, N. Y..	Renewal Bonds	155,000 00
Ord. 7628	Gold . . .	June 1, 1871 . . .	6 per ct.	20	June 1, 1891 . . .	Bonds at Nat'l Bank Commerce, N.Y. (Int. at Nat'l Bank Republic, N. Y.)	Renewal Bonds	475,000 00
					Due 1892.	(*See also "Due 1902."*)		
State Act.	Gold . . .	April 1, 1872 . . .	6 per ct.	20	April 1, 1892 . . .	National Bank of Commerce, N. Y.	New Water Works . . .	1,250,000 00
State Act, Mar. 9, 72.	Gold . . .	June 1, 1872 . . .	6 per ct.	20	June 1, 1892 . . .	Nat. Bk. Com'rce, N.Y. or City Tres'y	General Purposes	600,000 00
Ord. 8103	Gold . . .	December 10, 1872	6 per ct	20	December 10, 1892	National Bank of Commerce, N. Y.	Bridge Approaches	461,000 00
					Due 1893.	(*See also "Due 1903."*)		
Ord. 7970	Gold . . .	January 1, 1873 .	6 per ct.	20	January 1, 1893 .	National Bank of Commerce, N. Y.	Sewers	200,000 00
State Act, Mar. 9, '72.	Gold . . .	July 1, 1873 . . .	6 per ct.	20	July 1, 1893 . . .	Nat. Bk. Com'rce, N.Y. or City Tres'y	Renewal Bonds	250,000 00
Ord. 8654	Gold, $1000 £200	November 1, 1873	6 per ct.	20	November 1, 1893	Nat. Bk. Commerce, N.Y. or London	Renewal Bonds	1,074,000 00

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BONDED DEBT.—*Continued.*

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1894.			
State Act, March 9, '72	Gold . . .	January 1, 1874. .	6 per ct.	20	January 1, 1894. .	Nat. Bk Com'rce, N.Y. or City Tres'y	Renewal Bonds	$100,000 00
Ord. 8748	Gold . . .	March 1, 1874. . .	6 per ct.	20	March 1, 1894. . .	National Bank of Commerce, N. Y.	Sewers.	6,000 00
Ord. 8792	Gold, $1000 £200	July 1, 1874. . . .	6 per ct.	20	July 1, 1894 . . .	Nat Bk Commerce, N.Y. or London (Interest payable 1 May and Nov.)	Renewal Bonds	372,000 00
Ord. 8792	Gold, $1000 £200	July 1, 1874. . . .	6 per ct.	20	July 1, 1894. . . .	Nat. Bk Commerce, N.Y. or London (Interest payable 1 May and Nov.)	Floating Debt	900,000 00
State Act.	Gold, $1000 £200	July 1, 1874. . . .	6 per ct.	20	July 1, 1894. . . .	Nat. Bk Com'rce, N. Y. or London (Interest payable 1 May and Nov.)	Refunding Water Pipe Tax	800,000 00
					Due 1895.	(*See also "Due 1905."*)		
State Act, March 9, '72	Gold . . .	January 1, 1875 . .	6 per ct	20	January 1, 1895. .	National Bank of Commerce, N. Y.	Renewal Bonds	100,000 00
Ord. 9470	Gold, $1000 £200	May 1, 1875 . . .	6 per ct.	20	May 1, 1895. . . .	National Bank of Commerce, N. Y. or London	Renewal Bonds	372,000 00
Ord. 9470	Gold, $1000 £200	May 1, 1875 . . .	6 per ct.	20	May 1, 1895. . . .	National Bank of Commerce, N. Y. or London	Mill Creek Sewer	130,000 00
Ord. 9470	Gold, $1000 £200	May 1, 1875 . . .	6 per ct.	20	May 1, 1895. . . .	Nat. Bk Com'rce, N. Y. or London .	Carondelet Indebtedness .	55,000 00
State Act,	Gold, $1000 £200	May 1, 1875 . . .	6 per ct.	20	May 1, 1895. . . .	Nat. Bk Com'rce, N. Y. or London .	Fire Department.	100,000 00
State Act, Mar. 25, '75	Gold . . .	May 1, 1875 . . .	6 per ct.	20	May 1, 1895. . . .	National Bank of Commerce, N. Y.	General Purposes	500,000 00
Ord. 1494	Currency .	July 21, 1845 . . .	6 per ct.	50	July 21, 1895 . . .	National Bank of Republic, N. Y. .	Purchase Block 7	45,000 00
Ord. 9792	Gold, $1000 £200	November 17, 1875	6 per ct.	20	November 17, 1895	Nat. Bk Com'rce, N. Y. or London (Interest payable 1 May and Nov.)	House of Refuge.	50,000 00

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					Due 1896.			
State Act, March 9, 72.	Gold . . .	January 1, 1876 . .	6 per ct.	20	January 1, 1896. . .	Nat. Bank of Commerce, N. Y . . .	Renewal Bonds.	100,000 00
					Due 1898.			
Ord. 10743	Gold.$1000 £200	June 1, 1878. . . .	6 per ct.	20	June 1, 1898. . . .	Na. B'k Commerce, N.Y. or London.	Renewal Bonds.	593,000 00
Ord. 6606	Gold. . . .	August 1, 1868 . .	6 per ct.	30	August 1, 1898. . .	National Bank Republic, N. Y . . .	Tower Grove Park.	340,000 00
					Due 1899.			
Ord. 10743	Gold.$1000 £200	January 1, 1879. . .	6 per ct.	20	January 1, 1899. . .	Na. B'k Commerce, N.Y. or London.	Renewal Bonds.	675,000 00
					Due 1900.			
Ord. 11066	Gold.$1000 £200	January 1, 1880. . .	5 per ct.	20	January 1, 1900. . .	Na. B'k Commerce, N.Y. or London.	Renewal Bonds	476,000 00
Ord. 11361	Gold.$1000 £200	June 1, 1880. . . .	5 per ct.	10 — 20	June 1, 1900. . . . Redeemable at City's option on or after June 1, 1890.	Na. B'k Commerce, N.Y. or London.	Renewal Bonds.	548,000 00
					Due 1902.			
Ord. 12028	Gold.$1000 £200	May 3, 1882.	4 per ct.	10 — 20	May 3, 1902. . . . Redeemable at City's option on or after May 3, 1892.	Na. B'k Commerce, N.Y. or London.	Renewal Bonds.	203,000 00
					Due 1903.			
Ord. 12485	Gold.$1000 £200	July 2, 1883.	4 per ct.	10 — 20	July 2, 1903. . . . . Redeemable at City's option on or after July 2, 1893.	Na. B'k Commerce, N Y. or London.	Renewal Bonds.	90,000 00

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BONDED DEBT—*Continued.*

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1905.			
Ord. 13061	Gold, $1000 £200	February 2, 1885 .	4 per ct.	10 — 20	Redmble. at City's option on or after Feb. 2, 1895.	Nat. Bk. Commerce, N Y. or London	Renewal Bonds	$620,000 00
Ord. 13279	Gold, $1000 £200	June 1, 1885 . . .	4 per ct.	20	June 1, 1905 . . .	Nat. Bk. Commerce, N.Y. or London	Judgment in favor St. Louis Gas Light Co.	950,000 00
State Act, Feb. 2, '75	Gold . . .	April 1, 1875 . . .	6 per ct.	30	April 1, 1905 . . .	National Bank of Commerce, N.Y. .	Purchase Forest Park	1,300,000 00
State Act, Mar. 12, '75	Gold . . .	April 1, 1875 . . .	6 per ct.	30	April 1. 1905 . . .	National Bank of Commerce, N.Y. .	Purchase Corondelet Park .	200,000 00
State Act, Mar. 22, '75	Gold . . .	April 1, 1875 . . .	6 per ct.	30	April 1, 1905 . . .	National Bank of Commerce, N.Y. .	Purchase O'Fallon Park . .	400,000 00
					Due 1906.			
Ord. 5780 .	Currency .	April 10, 1866 . .	6 per ct.	40	April 10, 1906 . .	National Bank Republic, N. Y. . .	Purchase Block 121	245,000 00
							Total	$21,915,000 00
To this amount should be added the amount of Matured Bonds of 1886-87, redeemed from means advanced out of the Treasury, and for which Renewal Bonds will be issued this fiscal year								190,000 00
								$22,105,000 00

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PURCHASE AND CANCELLATION OF BONDS BY MAYOR AND COMPTROLLER PURSUANT TO ORDINANCE No. 13,492.

COPY OF REPORT OF MAYOR AND COMPTROLLER SUBMITTED TO THE MUNICIPAL ASSEMBLY, MARCH 28, 1887.

EXECUTIVE DEPARTMENT, MAYOR'S OFFICE,
ST. LOUIS, March 28, 1887.

To the Honorable Municipal Assembly of the City of St. Louis:

GENTLEMEN—We submit herewith a detailed report of our transactions in the matter of purchasing bonds pursuant to Ordinance No. 13,492.

The total amount available for the purpose of purchasing and retiring bonds under the ordinance was $715,764.08, being the $700,000 paid by the Missouri Pacific Railroad Company for the loan to them by the late county, and the interest on the daily balances of the fund, amounting to $15,764.08.

There were purchased and cancelled 709 bonds of $1,000 each, reducing the city's bonded debt $709,000. For 263 of the bonds, purchased before the date of their maturity, there was paid the sum of $269,218.75, and for the remainder, 446 bonds, purchased at maturity, there was paid the sum of $446,000, making a total expenditure of $715,218.75. The balance, $545.33, being too small for investment, must be tranferred to Interest and Public Debt Revenue.

For other details we refer you to Exhibits numbered 1, 2 and 3.

Respectfully submitted,

DAVID R. FRANCIS,
Mayor.

R. A. CAMPBELL,
Comptroller.

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EXHIBIT I.—DETAILED STATEMENT OF BONDS

Date of Purchase	Number of Bonds Purchased.	Net price paid per Bond.	Net amount paid for Bonds Purchased.	Amount of accrued Interest on Bonds paid.	Total expenditures.	Number of Coupons attached to each Bond.	From whom Purchased.
1886							
March 9	1	$1,003 65	$ 1,003 65	$ 18 17	$ 1,021 82	1	Wernse & Dieckmann
April 9	6	1,200 00	7,200 00	69 00	7,269 00	25	Matthews & Whittaker
April 19	25	1,032 50	25,812 50	470 82	26,283 32	3	Matthews & Whittaker
April 20	1	1,020 00	1,020 00	3 33	1,023 33	2	Wernse & Dieckmann
April 30	1	1,008 20	1,008 20	10 00	1,018 20	1	Matthews & Whittaker
April 30	4	1,012 30	4,049 20	. . . .	4,049 20	1	Matthews & Whittaker
April 30	1	1,012 50	1,012 50	27 50	1,040 00	2	Matthews & Whittaker
May 5	3	1,041 30	3,123 90	72 91	3,196 81	3	Kohn & Co.
May 5	28	1,029 79⅔	28,834 30	606 66	29,410 96	3	Kohn & Co.
	1	1,025 60	1,025 60	83	1,026 43	2	Kohn & Co.
May 11	2	1,025 00	2,050 00	45 65	2,095 65	3	Wernse & Dieckmann
May 11	10	1,028 70	10,287 00	223 30	10,510 30	3	Kohn & Co.
May 19	3	1,026 25	3,078 75	72 00	3,150 75	3	Donaldson & Co.
May 21	7	1,025 00	7,175 00	170 35	7,345 35	3	Nelson & Noel
May 25	10	1,025 00	10,250 00	250 00	10,500 00	3	Matthews & Whittaker
June 11	1	1,022 50	1,022 50	. . . .	1,022 50	2	Wernse & Dieckmann
June 17	1	1,025 00	1,025 00	28 65	1,053 65	3	Wernse & Dieckmann
June 25	4	1,025 00	4,100 00	. . . .	4,100 00	2	Wernse & Dieckmann
June 29	6	1,025 00	6,150 00	3 00	6,153 00	2	Matthews & Whittaker
June —	1	1,020 00	1,020 00	4 66	1,024 66	2	Matthews & Whittaker
July 3	1	1,023 75	1,023 75	1 30	1,025 05	2	Leonard Wilcox
July 16	7	1,020 90	7,146 30	24 50	7,170 80	2	Matthews & Whittaker
Aug. 9	5	1,012 30	5,061 50	7 50	5,069 00	1	Matthews & Whittaker
Aug. 19	1	1,005 00	1,005 00	18 17	1,023 17	1	Matthews & Whittaker
Aug. 19	2	1,012 30	2,024 60	6 33	2,030 93	1	Matthews & Whittaker
Aug. 19	6	1,017 00	6,102 00	109 00	6,211 00	2	Matthews & Whittaker
Sept. 2	1	1,012 30	1,012 30	25 00	1,037 30	2	Kohn & Co.
Sept. 2	1	1,012 30	1,012 30	5 00	1,017 30	1	Kohn & Co.
Sept. 3	2	1,014 60	2,029 20	31 00	2,060 20	2	Kohn & Co.
Sept. 3	1	1,013 00	1,013 00	20 50	1,033 50	2	Kohn & Co.
Sept. 4	72	1,015 00	73,080 00	815 76	73,895 76	2	Chas. T. Wing, N. Y.
Sept. 4	1	1,000 63	1,000 63	28 00	1,028 63	1	Chas. T. Wing, N. Y.
Sept. 4	1	1,002 84	1,002 84	20 50	1,023 34	1	Chas. T. Wing, N. Y.
Sept. 4	5	1,005 57.4	5,027 87	65 00	5,092 87	1	Chas. T. Wing, N. Y.
Sept. —	1	1,007 91	1,007 91	5 05	1,012 96	1	Chas. T. Wing, N. Y.
Sept. —	2	1,010 10½	2,020 21	51 00	2,071 21	2	Chas. T. Wing, N. Y.
Sept. 13	2	1,016 00	2,032 00	26 33	2,058 33	2	Donaldson & Co.
Sept. 13	1	1,016 00	1,016 00	13 15	1,029 15	2	P. F. Keleher & Co.
Sept. 16	11	1,015 00	11,165 00	152 16	11,317 16	2	Donaldson & Co.
Sept. 25	1	1,015 00	1,015 00	15 00	1,030 00	2	Donaldson & Co.
Oct. 6	1	1,000 00	1,000 00	1 00	1,010 00	1	Kohn & Co.
Oct. 25	2	1,003 75	2,007 50	38 80	2,046 30	1	Chas. T. Wing, N. Y.
Nov. 5	2	1,004 63	2,009 26	31 00	2,040 92	1	Nelson & Noel
Nov. 5	18	1,007 86	18,141 48	105 00	18,246 48	1	Nelson & Noel
	263		$269,218 75	$3,093 54	$272,912 29		

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PURCHASED PRIOR TO MATURITY.

DESCRIPTION OF BONDS PURCHASED.

Date of Maturity.	Authority for Issue.	For what Purpose Issued	Rate of Interest.	Numbers of the Bonds Purchased.
June 1, 1886	Ord. 5745	Imp't of harbor	6 per cent	12.
Aug. 1, 1898	Ord. 6606	Tower Grove pk	6 per cent	210, 213, 214, 215, 303, 304.
June 25, 1887	State Act	Water Works .	6 per cent	139, 257, 398, 461, 685, 843, 879, 1130, 1131, 1675, 1730, 1830, 1831, 1992, 2313, 2446, 2460, 2922, 2974, 3193, 3318, 3439, 3442, 3444, 3445.
April 1, 1887	Ord. 6053	Floating debt .	6 per cent	12.
Sept. 1, 1886	Ord. 5745	Imp't of harbor	6 per cent	109,
Nov. 1, 1886	Ord. 5745	Imp't of harbor	6 per cent	225, 233, 240, 267.
Nov. 15, 1886	Ord. 5745	Imp't of harbor	6 per cent	309.
July 1, 1887	State Act	Insane Asylum	7 per cent	6817, 6770, 6771.
June 25, 1887	State Act	Water Works .	6 per cent	71, 219, 236, 3151, 3161, 3251, 378, 463, 509, 857, 1143, 1273, 1384, 1529, 1652, 1956, 2077, 2080, 2174, 2383, 2569, 2761, 2867, 2868, 2872, 3162, 3262, 3313.
May 1, 1887	Ord. 6053	Floating debt .	6 per cent	215.
June 25, 1887	State Act	Water Works .	6 per cent	2526, 2843.
June 25, 1887	State Act	Water Works .	6 per cent	434, 2846, 2847, 3040, 3041, 3042, 3125, 3405, 3406, 3407.
June 25, 1887	State Act	Water Works .	6 per cent	317, 1298, 3024.
June 25, 1887	State Act	Water Works .	6 per cent	395, 396, 678, 679, 680, 681, 2863.
June 25, 1887	State Act	Water Works .	6 per cent	18, 116, 119, 682, 931, 1242, 1487, 1606, 2370, 2849
June 25, 1887	State Act	Water Works .	6 per cent	1119.
June 25, 1887	State Act	Water Works .	6 per cent	2260.
June 25, 1887	State Act	Water Works .	6 per cent	82, 1526, 2434, 2457.
June 25, 1887	State Act	Water Works .	6 per cent	46, 117, 118, 932, 1550, 2303.
June 1, 1887	Ord. 6053	Floating debt .	6 per cent	394.
June 25, 1887	State Act	Water Works .	6 per cent	79.
June 25, 1887	State Act	Water Works .	6 per cent	2093, 2801, 1863, 1264, 787, 557, 515.
Feb. 1, 1887	Ord. 5745	Imp't of harbor	6 per cent	698, 700, 714, 715, 716.
Nov. 1, 1886	Ord. 5745	Imp't of harbor	6 per cent	243.
Feb. 1, 1887	Ord. 5745	Imp't of harbor	6 per cent	711, 722.
May 1, 1887	Ord. 6053	Floating debt .	6 per cent	209, 249, 250, 251, 253, 273.
April 1, 1887	Ord. 6053	Floating debt .	6 per cent	95.
Feb. 1, 1887	Ord. 5745	Harbor and whf.	6 per cent	704.
June 1, 1887	Ord. 6053	Floating debt .	6 per cent	341, 401.
May 1, 1887	Ord. 6053	Floating debt .	6 per cent	300.
June 25, 1887	State Act	Water Works	6 per cent	87, 113, 114, 115, 145, 167, 233, *302, 303, 304, 305, 306, 307, 308, 309, 310, 593, 696, 697, 698, 713, 743, 755, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 1139, 1177, 1248, 1368, 1375, 1540, 1676, 1777, 1923, 1947, 1952, 1983, 2160, 2469, 2466, 2534, 2576, 2630, 2643, 2735, 2759, 2767, 2768, 2769, 2807, 2874, 3156, 3279, 3293, 3303, 3323, 3368, 3378, 3469, *301.
Sept. 15, 1886	Ord. 5841	Open'g of 4th st.	6 per cent	47.
Nov. 1, 1886	Ord. 5745	Imp't of harbor	6 per cent	216.
Dec. 15, 1886	Ord. 5745	Imp't of harbor	6 per cent	524, 578, 579, 601, 608.
Feb. 1, 1887	Ord. 5745	Imp't of harbor	6 per cent	668.
April 1, 1887	Ord. 6053	Floating debt .	6 per cent	61, 62.
June 25, 1887	State Act	Water Works .	6 per cent	1450, 3114.
June 25, 1887	State Act	Water Works .	6 per cent	2645.
June 25, 1887	State Act	Water Works .	6 per cent	264, 268, 269, 270, 271, 272, 273, 274, 275, 3188, 3189.
June 25, 1887	State Act	Water Works .	6 per cent	265.
April 1, 1887	Ord. 6053	Floating debt .	6 per cent	94.
Jan 1, 1887	Ord. 5745	Imp't of harbor	6 per cent	621, 622.
Feb. 1, 1887	Ord. 5745	Imp't of harbor	6 per cent	701, 731.
April 1, 1887	Ord. 6053	Floating debt .	6 per cent	1, 2, 3, 4, 5, 6, 7, 18, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114.

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EXHIBIT II.—DETAILED STATEMENT OF BONDS PURCHASED AT MATURITY.

No Purchased.	Amount paid for Bonds Purchased.	DESCRIPTION OF BONDS PURCHASED. Date of Maturity.	Ordinance.	For What Purpose Issued.	Rates of Interest.	Nos. of Bonds.
1	$ 1,000 00	1886. Feb 9	3505	Improvem't of Harbor.	6 per ct	11
44	44,000 00	June 1	5745	Improvem't of Harbor.	6 per ct	55, 56, 97, 98, 37, 38, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 39, 40, 57, 58, 59, 67, 68, 69, 70, 85, 93, 95, 96.
19	19,000 00	June 15	5778	House of Refuge . . .	6 per ct	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 16, 17, 18, 19, 20.
93	93,000 00	Sept. 1	5745	Improvem't of Harbor.	6 per ct	101, 102, 103, 104, 105, 106, 107, 108, 110, 111, 114, 115, 116, 117, 118, 121 122, 123, 124, 125, 127, 129, 130. 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147. 148, 149, 152, 153, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167. 168, 169, 170, 171, 172, 173. 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 112, 113, 154, 189.
49	49,000 00	Sept. 15	5841	Opening Fourth street.	6 per ct	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, 49. 50.
88	88,000 00	Nov. 1	5745	Improvem't of Harbor.	6 per ct	201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215. 217, 218, 219, 220, 221, 222, 223, 224, 226, 228, 229, 230, 231, 232, 234, 235, 236, 237, 238, 239, 241, 242, 244, 245, 246. 247, 248. 249, 250, 251. 252, 253, 254, 255, 259, 261, 262, 263, 264, 265, 266, 268, 269, 270, 271, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290. 291, 292, 292, 293, 294, 295, 296, 297, 298, 299, 300.
6	6,000 00	Nov. 15	5745	Improvem't of Harbor.	6 per ct	301, 302. 303, 304, 305, 310.
146	146,000 00	Dec. 15	5745	Improvem't of Harbor.	6 per ct	371, 372, 373, 376, 377, 378, 379, 380, 383. 384. 385, 386, 387, 388, 390, 391, 392, 393, 394, 395, 397, 398, 400, 401, 402, 403, 408, 400. 451, 452, 453, 455. 456, 457, 458. 459, 460 461, 462, 463. 464, 465, 466, 467, 468, 469, 470, 471, 473, 475, 476, 477. 478, 479, 480, 481, 482, 483, 484, 486, 487, 490, 491, 493, 495, 496, 498, 499, 501, 509, 510, 511, 514, 515, 516, 517, 518, 520, 526, 527, 528, 529, 530, 531. 532, 533, 534, 536, 537, 538, 539, 540, 541, 542, 543. 547, 548, 549, 550, 551, 552, 553, 544, 559, 560, 566, 567, 568, 570, 571. 572, 573, 574, 575, 576, 577, 581, 582, 583, 584, 586, 587, 588, 589, 590, 592, 593, 594, 595, 596, 598. 599. 600, 605, 606, 607, 609, 610, 611, 614, 615, 616, 617, 618, 619, 620
446	$446,000 00					

EXHIBIT III--Statement of Account, Redemption of Bonds--Special Fund.

Cr.			ORDINANCE No 13,492.			Dr.
1887 Mar. 28.	To amount paid for 263 Bonds purchased as per Exhibit I.	$269,218 75		1885 Dec. 22.	By amount paid into the City Treasury and set apart by Ordinance No. 13,492 for purchasing and retiring outstanding Bonds . . .	$700,000 00
	To amount paid for 446 Bonds purchased as per Exhibit II.	446,000 00				
	To amount paid for accrued interest on Bonds purchased. .	3,693 54		1886		
	Balance	545 33		Dec. 11.	By interest on the daily balances of the fund	15,764 08
					By proceeds, voucher No. 17; of interest account 1886-87, being the amount paid as accrued interest on the Bonds purchased	3,693 54
		$719,457 62				$719,457 62
				1887 Mar 28.	By balance	545 33

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APPENDIX.

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STATEMENT No. 1.

COMPARATIVE STATEMENT OF TAXATION.

	VALUATIONS.					RATES FOR CITY PURPOSES ON $100 VALUATION.				Tax Levy as per Valuations and Rates Stated.
	Old Limits.	New Limits.	New Limits. Real Estate subject to increase under Sec. 2, Art. V of Charter.	Steamboats.	Total.	Old Limits.	New Limits.	N. L. Increased Rate.	On Steamboats.	
1877	$162,256,980 00	$17,451,780 00			$179,708,760 00	$1.90	$0.50			$3,170,141 52
1878	159,354,840 00	14,416,400 00			173,771,240 00	1.75	.50			2,860,791 70
1879	151,204,280 00	14,059,690 00			165,263,970 00	1.75	.50			2,716,373 35
1880	145,925,640 00	14,124,440 00		$ 700,360 00	160,750,440 00	1.75	.50		$0.10	2,625,021 26
1881	151,259,140 00	15,186,820 00		890,640 00	167,336,600 00	1.75	.50		.10	2,723,859 69
1882	174,176,430 00	16,586,170 00		957,990 00	191,720,590 00	1.75	.50		.10	3,131,976 36½
1883	173,678,440 00	16,560,000 00		1,284,050 00	191,522,490 00	1.75	.50		.10	3,123,456 75
1884	189,328,790 00	20,852,730 00		1,299,190 00	211,480,710 00	1.75	.50		.10	3,418,816 66⅔
1885	186,030,170 00	20,388,630 00		1,107,200 00	207,526,000 00	1.75	.50		.10	3,358,578 32½
1886	189,204,650 00	16,226,020 00	$8,008,920 00	988,100 00	214,427,690 00	1.75	.50	$1.00	.10	3,499,163 52½
1887 (estimated)	190,130,670 00	16,002,870 00	8,250,380 00	815,170 00	215,199,090 00	1.75	.50	1.25	.10	3,511,445 99⅓

NOTE.—The rates for 1877 were as follows:

	Old Limits.	New Limits.
City, Interest	$0.90	$0.10
" Municipal	1.00	.40

The rates for 1886 were as follows:

	Old Limits.	New Limits.	New Limits, subject to increase.
City, Interest	$0 75	$0.10	$0.10
" Municipal	1.00	.40	.90

The rates for all other years were as follows:

	Old Limits.	New Limits.
City, Interest	$0.75	$0.10
" Municipal	1.00	.40

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STATEMENT No. 2.

COMPARATIVE STATEMENT OF BONDED AND FLOATING DEBTS.

	Bonded Debt.	Floating Debt.		
		Gas Debt.	*Deficiencies. See Statement No. 8.	Total.
Fiscal Years Ending—				
City, April 9, 1877; County, August 31, 1876	$23,067,000 00	$ 726,058 21	$21,243 83	$ 747,302 04
City, April 8, 1878 (County assumed by City)	22,787,000 00	757,490 31	. . . . .	757,490 31
April 7, 1879	22,614,000 00	788,922 41	. . . . .	788,922 41
April 12, 1880	22,507,000 00	820,879 85	. . . . .	820,879 85
April 11, 1881	22,417,000 00	933,469 69	2,506 12	935,975 81
April 10, 1882	22,311,000 00	986,837 09	. . . . .	986,837 09
April 9, 1883	22,232,000 00	1,040,204 49	17,764 55	1,057,969 04
April 7, 1884	22,105,000 00	1,093,423 24	. . . . .	1,093,423 24
April 13, 1885	22,016,000 00	1,147,831 24	. . . . .	1,147,831 24
April 12, 1886	22,942,000 00	Paid.	. . . . .	. . . . .
April 11, 1887	22,105,000 00	. . . . .	. . . . .	. . . . .

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STATEMENT No. 3.

COMPARATIVE STATEMENT OF CONDITION OF THE REVENUE FUNDS.

	Interest and Public Debt Revenue.		Municipal Revenue.		Water Works Revenue.		Harbor Fund.	
	Surplus.	Overdraft.	Surplus.	Overdraft.	Surplus.	Overdraft.	Surplus	Overdraft
April 9, 1877	$186,829 39			$4,502 31		$16,741 52		
April 8, 1878	44,540 47		$257,831 03		$ 8,380 11			
April 7, 1879	146,980 90		124,424 19		52,527 77			
April 12, 1880	162,099 59		117,083 46		16,434 90		$11,848 63	
April 11, 1881	69,919 34		40,763 46			2,506 12	12,749 96	
April 10, 1882	11,763 77		44,687 90		5,309 31		15,273 84	
April 9, 1883	30,510 65			17,764 55	25,707 08		3,351 07	
April 7, 1884	20,496 44		32,052 55		1,634 93		2,180 95	
April 13, 1885	46,697 42		66,411 48		5,839 05		3,636 33	
April 12, 1886	142,224 70		128,343 72		186,671 25		7,342 92	
April 11, 1887	114,187 77		132,377 99		604,734 46		22,589 81	

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STATEMENT No. 4.

COMPARATIVE STATEMENT OF RECEIPTS.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
TAXES—Current	$ 2,376,058 31	$ 2,325,491 16	$ 2,334,149 65	$ 2,486,016 38	$ 2,853,201 34	$ 2,823,845 11	$ 3,099,006 06	$ 3,059,132 35	$ 3,126,978 49
Delinquent	406,964 45	403,553 23	375,369 51	313,735 78	203,592 87	190,439 43	277,547 56	219,408 40	255,748 69
	$ 2 783,022 76	$ 2,729,049 39	$ 2,709,519 16	$ 2 799,752 16	$ 3,056,794 21	$ 3,014,284 54	$ 3,376,553 62	$ 3,278,540 75	$ 3,382,727 18
LICENSES—									
Advertising Agents						$ 43 20	$ 29 02	$ 28 80	$ 28 80
Architects					$ 144 75	48 75			
Auctioneers	$ 4,265 00	$ 3,953 49	$ 3,475 87	$ 3,506 63	4,213 51	3,209 93	3,654 00	3,701 02	3,139 28
Banks, Brokers and Financial Agents	5,800 00	4,675 56	4,468 76	4,701 00	4,087 52	2,819 25	5,144 99	3,532 50	4,343 62
Billiards and Ten Pin Alleys	1,020 00	467 88	577 65	693 96	575 25	721 78	563 40	611 70	639 75
Bill Posters	10 00	39 00	19 50	23 84	9 75	9 60	29 10	9 60	9 60
Boarding Houses	31 50			1,900 88	998 21	3,411 85	1,369 43	1,528 18	1,351 77
Civil Engineers					48 75				
Claim Agents						14 62			
Commission Merchants	11,275 00	12,755 07	11,602 56	17,389,13	15,420 01	21,729 00	22,972 12	17,370 38	18,301 12
Conveyancers				48 75	48 75	24 37	48 75	24 37	24 38
Dentists	50 00								
Doctors	1,400 00								
Dog	4,593 00	4,492 60	6,353 06	8,107 38	14,252 25	18,131 50	11,949 16	13,657 77	11,201 75
Dramshop	184,385 00	214,878 10	187,253 51	196,657 77	213,184 45	476,200 41	515,244 41	739,511 73	732,041 42
Electric Batteries							54 84	6 09	6 10
Engravers	100 00	98 50	59 33	185 25	165 75	116 85	185 25	107 25	117 00
Flying Horses	80 00	104 00	78 00	78 00	45 49	143 03	136 50	143 02	127 98
Fortune Tellers		682 50	1,047 28	889 23	777 00	783 75	651 75	603 75	900 64
Horse and Cattle Dealers					740 44	425 06	48 00	97 50	
Insurance Companies	18,700 00	16,850 20	16,481 03	15,783 11	15,780 32	9,335 25	27,550 35	8,959 12	19,229 70

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Intelligence Offices	300 00	97 50	141 75	291 75	340 50	580 50	840 45	777 75	507 75
Junk Shops	700 00	1,116 85	1,033 22	896 59	2,849 63	2,021 28	2,007 19	2,440 24	2,356 79
Lawyers	4,775 00	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Lithographers	60 00	39 50	58 50	48 75	39 00	9 75	39 00	48 75	29 25
Lumber Measurers	75 00	49 38	121 89	145 88	97 51	194 63	121 50	127 59	72 38
Manufacturers	91,666 60	85,680 46	79,034 40	102,998 58	116,746 18	106,562 87	107,564 00	102,700 01	102,742 87
Meatshops	28,275 00	16,396 50	8,406 60	4,108 35	. . . . .	2,680 51	302 28	. . . . .	. . . . .
Mercantile Agencies	300 00	292 50	195 00	193 50	291 00	193 50	195 00	291 00	193 50
Merchandise Brokers	400 00	727 22	706 86	1,290 00	2,092 51	2,106 83	2,699 72	2,865 75	2,940 73
Merchants	238,059 17	140,524 71	169,281 55	192,253 81	186,614 22	190,969 76	183,838 18	160,062 95	157,841 28
Non-Resident Traders	40 00	9 75	9 75	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Ordinaries	3,020 00	2,584 01	2,754 23	3,093 30	3,017 04	3,536 32	3,953 81	3,580 28	3,594 03
Patent Solicitors	. . . . .	. . . . .	. . . . .	. . . . .	24 38	. . . . .	24 38	86 62	72 75
Pawnbrokers	7,000 00	6,450 00	5,850 00	5,259 00	5,850 00	5,037 00	5,040 00	5,235 00	4 453 50
Peddlers and Hawkers	13,446 90	13,454 07	16,892 39	11,344 52	12,453 74	13,933 92	15,023 73	14,853 94	15,219 37
Photographers	725 00	767 23	550 89	686 60	759 50	778 00	736 43	767 44	740 82
Railway Ticket Brokers	. . . . .	487 50	438 75	681 00	632 25	583 50	680 25	779 25	680 25
Real Estate Agents	6,100 00	6,552 60	5,066 16	6,673 58	6,250 08	6,410 22	8,702 36	7,860 53	7,946 03
Runners	200 00	. . . . .	. . . . .	195 00	. . . . .	97 50	. . . . .	97 50	. . . . .
Sewing Machine Agents	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	735 95	. . . . .	. . . . .
Sale Stables	. . . . .	. . . . .	. . . . .	. . . . .	2,044 50	694 28	681 00	436 50	291 00
Shooting Galleries	. . . . .	98 75	121 88	145 88	194 64	194 25	247 28	121 88	193 50
Skating Rinks	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	412 50	241 87
Stock Yards	. . . . .	. . . . .	. . . . .	. . . . .	509 63	144 00	144 00	. . . . .	144 00
Street Railways	6,900 00	6,605 63	6,703 12	8,763 00	8,980 50	10,773 75	10,863 00	9,069 67	10,301 91
Theatres and Exhibitions	975 00	1,073 13	1,467 38	1,637 66	2,181 02	1,621 50	2,982 94	2,667 75	2,962 87
Vault Cleaner	. . . . .	. . . . .	. . . . .	755 63	536 25	585 00	585 00	585 00	487 50
Vehicle	42,876 00	65,654 72	49,367 24	100,430 91	80,023 45	80,091 03	80,072 60	80,583 76	84,491 19
Veterinary Surgeon	. . . . .	. . . . .	. . . . .	. . . . .	248 40	102 37	. . . . .	. . . . .	. . . . .
Weighers	400 00	388 00	316 88	267 00	219 00	291 00	267 38	170 62	194 63
Wine and Beer House Licenses	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	50,756 59	66,135 76	. . . . .	. . . . .
	$678,003 17	$608,046 91	$580,036 99	$692,125 22	$703,487 13	$1,018,718 06	$1,084,714 89	$1,186,515 06	$1,189,762 68
WATER WORKS REVENUE COLLECTIONS—									
Licenses	$538,989 40	$613,095 75	$648,803 45	$697,408 00	$703,869 77	$725,852 31	$747,866 75	$787,055 75	$356,916 65
Permits and Taps	4,166 00	4,916 05	3,780 40	4,857 90	5,231 50	6,390 15	7,123 20	7,444 70	6,164 75
Connections, etc	2,837 81	2,268 50	3,045 29	3,879 75	4,872 75	4,451 80	4,040 80	5,825 25	4,961 70
Privilege to cut Ice at Reservoir and Settling Basins	4,147 39	. . . . .	4,395 61	. . . . .	5,712 35	. . . . .	234 78	. . . . .	. . . . .
	$550,140 60	$620,280 30	$660,024 75	$706,145 65	$719,686 37	$736,694 26	$759,265 53	$800,325 70	$368,043 10
WHARFAGE RENTS	$ 50,823 60	$ 62,392 63	$ 64,064 11	$ 69,081 42	$ 65,839 88	$ 59,716 54	$ 67,793 85	$ 63,567 86	$ 67,420 42

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STATEMENT No. 4—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
MISCELLANEOUS REVENUE—									
Board of Health—									
Permits	$612 25	$404 00	$406 50	$277 00	$365 00	$301 00	$391 00	$402 00	$387 00
Burying United States Soldiers	45 00	189 00	135 00	279 00	243 00	225 00	63 00	99 00	27 00
Board of Patients at the various institutions of the Health Department	2,036 55	3,568 63	3,491 89	2,609 63	3,554 36	3,437 21	9,872 82	4,664 63	3,811 83
Board of Bakery Employes at Poor House							340 88	639 74	
Milk from Poor House Dairy Sold to City's Institutions							1,141 87	4,658 75	
Boiler Inspections	7,980 00	7,480 00	7,051 00	8,635 00	6,546 00	7,150 00	6,950 00	7,315 00	7,525 00
Building Permits	2,719 50	3,331 50	3,198 50	4,075 50	4,418 00	5,350 50	5,262 00	5,464 00	4,915 00
Dead Animals—Privilege to remove							150 00	199 96	199 96
Collections on Franchises granted				19,875 00	4,875 00	16,124 22	25,108 50	27,169 17	28,305 89
Commissions erroneously retained returned by Collector						96			
Court of Appeals—Proportion of Salaries and expenses of, paid by adjacent Counties	2,761 16	3,261 06	3,335 55	2,176 02	2,601 82	1,981 46	1,450 58	467 60	175 01
Salaries of Judges reimbursed by the State							1,833 33	500 00	
Rent, fuel and gas paid by the State									3,200 00
Delinquent Taxes prior to 1867		10 11	1 90	1 95	13 22				
Dividends on Stock of St. Louis Gaslight Co		18,460 00	5,000 00	9,000 00	7,000 00	8,000 00	8,000 00	23,000 00	4,000 00
Dog Pound—Sales of Impounded Animals		1 00	14 25		99 90	69 35	84 85		
Fines, Fees and Commissions—									
Surplus Fees and Commissions of Collector			2,280 85	5,619 98	5,000 00	19,187 51	15,134 01	22,939 87	22,674 24
Surplus Fees of Clerk Circuit Court	5,614 92	8,268 08	7,305 71	4,792 25	52 64		2,004 75	396 78	158 81
Surplus Fees of Clerk Criminal Court	116 81								
Surplus Fees of Clerk Court Criminal Correction				2,100 85	2,729 80	4,693 60	4,282 10	3,266 70	5,061 70
From ordinary sources	59,886 28	56,917 88	50,122 74	59,524 70	50,048 18	59,132 43	57,236 40	65,854 91	58,957 11
Fire Department—Filling Cisterns		137 50							

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House of Refuge									
Boarding and Keeping Inmates	174 00	930 96	248 40	218 41	127 55	192 59	191 14	161 23	160 38
Labor in Chair and Shoe Shop	1,053 20	6,036 94	6,288 78	6,341 65	3,357 08	5,106 28	4,415 39	2,915 85	4,227 25
Interest on Current Deposits	9,340 45	9,555 61	9,962 25	5,947 60	5,170 27	8,053 00	12,369 88	29,386 34	45,733 96
Markets	42,802 05	38,208 05	37,476 51	38,747 25	36,060 89	34,426 84	34,492 65	35,405 87	34,369 21
Permit to Collect Offal at Mouth of Sewers	72 50	31 00	46 75				20 00		
Poor House—Sale of Bread, Milk, etc.	19,187 69	22,577 41	21,973 17	25,772 82	25,725 71	31,271 47			
Poor House Bakery—Profit							7,442 22	7,897 06	3,064 67
Poor House Dairy—Profit									453 43
Redemption of Lands sold for benefits assessed in matter of opening Streets and Alleys	4,734 69	2,633 00	2,018 72	1,359 43	1,121 61	317 06	165 85	197 70	404 14
Redemption of Special Tax Bills purchased by City		470 60	236 36	208 58	725 41	473 00	2,373 40	674 05	1,705 31
Recorder of Deeds—Fees	4,563 05	21,127 20	20,635 45	25,376 20	27,016 45	29,003 80	28,794 55	30,414 70	30,144 50
Rents	4,415 90	3,850 01	4,384 45	4,155 82	4,207 09	3,708 97	3,950 56	3,147 88	3,203 61
Sales of Revised Ordinances					90 00	65 00	5 00		
Scales—									
City	15,288 85	17,655 55	18,441 65	18,932 85	15,231 50	10,629 45	11,715 30	11,344 50	10,237 80
Private	15,466 80	11,350 86	12,210 44	12,193 99	14,036 28	15,199 90	16,121 07	15,304 24	14,806 55
State's portion of Cost of Assessing the Revenue	23,213 14	21,410 69	23,375 93	24,881 59	23,975 93	24,207 34	27,475 33	31,454 97	31,974 44
State's Appropriation for Support of Insane				15,000 00	15,000 00	25,000 00	25,000 00	25,000 00	25,000 00
State's Appropriation for Road and Canal Fund—City's portion									86 95
Taxes paid by City, returned								28 00	
Weights and Measures, Inspections	9,721 00	9,347 75	7,617 10	10,074 85	8,779 85	10,141 60	9,759 30	11,063 95	10,254 55
Work House—									
Sales of Macadam, etc.	8,308 73	9,748 56	7 31						
Labor in Brush Factory				904 12	2,745 06	627 98	2,134 26	2,516 03	1,030 36
	$240,114 58	$275,962 95	$247,566 16	$308,982 10	$270,917 60	$324,677 52	$325,731 99	$373,950 48	$356,315 66
PROCEEDS SALES OF REAL ESTATE AND REAL ESTATE NOTES	$2,809 62	$953 65	$1,257 75	$4,591 49	$75,945 13	$816 25	$19,062 46	$982 54	
INCIDENTAL COLLECTIONS—									
Abating Nuisances on Private Property		$71 59			$39 00				
Abstracts of Tax Books furnished the State	$352 34	333 21	$326 19	$347 69	390 83	$386 53	$422 64	$419 03	$434 18
Advertising by Commissioner of Supplies returned by bidder						10 72			
Board of Police Commissioners—									
Sundry Collections	396 65	111 05	134 01	128 25	287 93	41 55	106 75	48 95	416 10
Secret Service Money returned					91 55	2 05	148 95		
Certified Copies of Ordinances and Records, by Register									28 70

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STATEMENT No. 4—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1885.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
INCIDENTAL COLLECTIONS—*Continued.*									
Costs in Civil Suits returned	$ 54 10	$ 161 30	. . . . .	$ 360 00	$ 96 30	$ 357 46	. . . . .	$ 30 15	$ 21 00
Cost of removing Condemned Building refunded	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	384 00	$ 135 00	1,345 37	. . . . .
Damage to Scavenger Dumps	. . . . .	. . . . .	$ 109 20	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Damage to Force Main	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	74 80
Forfeited Contract Deposits	. . . . .	120 00	. . . . .	284 00	800 00	. . . . .	. . . . .	. . . . .	750 00
Harbor Boat—For use of	. . . . .	. . . . .	. . . . .	352 50	352 00	. . . . .	113 70	. . . . .	. . . . .
Insurance—									
Returned Premiums on Canceled Policies	1,375 57	72 50	. . . . .	76 46	106 56	. . . . .	. . . . .	10 02	. . . . .
Losses by Fire	. . . . .	. . . . .	34 60	. . . . .	. . . . .	. . . . .	. . . . .	2,503 70	1,100 00
Interest on Street-Opening Special Tax Bills recovered by suit	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	200 45	74 43	87 38	3 63
Judgments	9,283 90	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	6,696 17
Lucas Market—Paid by property owners for the removal of	. . . . .	. . . . .	. . . . .	. . . . .	10,000 00	. . . . .	. . . . .	. . . . .	. . . . .
For Repairing Street in which the Market stood	. . . . .	. . . . .	. . . . .	. . . . .	1,000 00	. . . . .	. . . . .	. . . . .	. . . . .
Overpayments returned	177 31	436 15	183 40	309 20	61 67	91 60	40 00	26 10	247 28
Overpayment under provision of Ordinance, returned	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	252 87	. . . . .	. . . . .	. . . . .
Pay Rolls—Amounts uncalled for returned into the Treasury	. . . . .	34 38	56 85	185 89	221 88	176 99	66 50	. . . . .	. . . . .
Police Department—Pistols and Cloth furnished Officers	. . . . .	1,435 10	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Proportion of Salaries and Expenses of Marshal's Office returned	145 16	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Proportion of Cost of Laying Tracks on Bridges and Avenues by Street Railways	. . . . .	. . . . .	. . . . .	. . . . .	1,019 70	. . . . .	. . . . .	. . . . .	. . . . .
Privileges to maintain Trestle across Wharf and Main Street	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	300 00	. . . . .	. . . . .	. . . . .
Public Schools—Poll Books furnished them	515 28	339 86	593 10	545 06	284 90	456 64	566 18	636 34	806 72
Proportion of Cost of Laying Sidewalks	. . . . .	. . . . .	. . . . .	. . . . .	233 12	. . . . .	. . . . .	. . . . .	. . . . .
Rebate on Telephone Service	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	11 20	. . . . .
Rent of Property Condemned for Streets	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	25 85	. . . . .	. . . . .	. . . . .

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Repairing No. 2 Bridge at Forest Park by Street Commissioner							80 00		
Repairing Streets excavated to lay water pipe and not properly restored				100 96				14 55	71 10
Sales of Condemned and Useless Materials sold by various departments	2,484 71	1,438 26	885 03	2,303 44	1,110 13	883 71	1,076 28	3,032 43	3,004 97
Sales of Brick, etc., at Old Reservoir				1,270 80	1,332 15	962 60	1,017 25	1,018 84	87 00
Sales of Houses, etc., on line of Streets and other Public Improvements		728 25	595 75	313 00	2,620 00	44 70	181 75		
Sewer Construction—Contributions by Property Owners			2,500 00	7,307 99	4,742 01				
Sewer Inlet—Cost of Removing paid by Property Owners						70 00	220 70		
Sewer Reconstruction—Cost of returned								17 60	
Speeding Track at Forest Park—Contribution									500 00
Street Improvements—Contributions by Property Owners			500 00	5,301 10	560 00	5,657 00	22,076 00	2,022 00	2,076 00
Street Opening — Contributions by Property Owners to defray Cost of						525 00	600 00	250 00	250 00
Steam Road Roller—For Use of			75 00						
Title Investigation in Street Opening Cases and Sales of Real Estate, Cost of returned			5 00	33 60	80 00	22 50	37 50	17 50	30 00
Voluntary Contributions by Railroad Companies toward building Eighteenth Street Bridge						27,500 00			
Water Pipe Laying—Contributions by Property Owners				300 00					
Wharf—Compromise with Claus Vieths for Filling Quarry			718 21						
	$14,585 02	$5,281 65	$6,716 34	$19,525 94	$25,429 73	$38,352 22	$26,963 63	$11,491 16	$16,687 65
Extraordinary Collections—									
Compromise of Suits against Officers for Fees collected and retained by them as State Officers		$ 7,929 16	$ 7,139 47						
Compromise with Emile Thomas			4,500 00						
Compromise with sureties of J. F. Thornton, Clerk Circuit Court				$ 12,500 00					
Interest of prior years on Loan to Pacific Railroad and Interest on same			$208,984 00						
St. Louis County—Growing Out of Separation	$ 3,804 46								
	$ 3,804 46	$ 7,929 16	$220,623 47	$ 12,500 00					

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STATEMENT No. 4—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
EXTRAORDINARY COLLECTIONS—*Cont.*									
Dividend and Settlement of Indebtedness of National Bank of State of Missouri for City's Deposits at date of Suspension	. . . . .	$171,620 31	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
INTEREST FROM PACIFIC RAILROAD ON ACCOUNT OF LOAN	. . . . .	. . . . .	$57,313 80	$49,000 00	$49,000 00	$49,000 00	$49,000 00	$23,477 78	. . . . .
LOAN TO PACIFIC RAILROAD	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	$700,000 00	. . . . .
SPECIAL FUNDS—									
Contract Deposits	$259,646 58	$193,793 56	$246,563 47	$267,627 64	$229,989 71	$352,629 34	$497,347 62	$632,074 53	$542,755 52
Opening Streets—Benefits	11,356 75	61,319 03	18,984 69	16,681 41	13,270 82	32,354 90	69,994 98	97,954 29	121,824 33
Parks	16,927 64	4,868 32	8,069 05	5,937 85	5,665 07	7,007 21	4,201 31	6,655 22	2,678 75
Poor House Bakery—Sale of Bread to other City Institutions, less transfer to Municipal Revenue	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	23,735 32	25,015 74	23,131 32
Poor House Dairy—Sale of Milk to other City Institutions, less transfer to Municipal Revenue	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7,144 36
Redemption of Land sold for taxes	16,762 15	213 31	. . . . .	40 34	28 92	. . . . .	. . . . .	. . . . .	. . . . .
Redemption of Bonds—Special Fund—Amounts collected by Mayor and Comptroller	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	3,693 86
Special Deposits to secure payment of Claims pending in Court	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7,000 00	. . . . .	. . . . .
School Section Sixteen—Compromise Money paid into Treasury by Commissioner for use of Public Schools	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	9,296 99	3,129 84	. . . . .	1,259 28
Sprinkling Streets	. . . . .	. . . . .	. . . . .	187 50	1,637 25	. . . . .	. . . . .	. . . . .	. . . . .
Witness and other fees, special fund	3,176 98	1,762 07	1,279 61	2,591 36	1,478 68	1,539 02	1,551 65	1,790 40	2,563 88
	$307,870 10	$261,956 29	$274,896 82	$293,066 10	$252,070 45	$402,827 46	$606,960 72	$763,490 18	$705,051 30

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Proceeds of Sale of Renewal Bonds	$1,437,772 81	$582,012 42	$638,613 28	$106,000 00	$282,689 55	$216,353 47	$699,969 04	. . . . .	$135,000 00
Accrued Interest on Bonds sold	1,555 83	1,177 08	. . . . .	353 33	675 07	36 71	. . . . .	. . . . .	118 36
Warrant for Discount on Bonds sold	. . . . .	4,377 58	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
	$1,439,328 64	$587,567 08	$638,613 28	$106,353 33	$283,364 62	$216,390 18	$699,969 04	. . . . .	$135,118 36
Proceeds of sale of Bonds to pay Judgments	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	$976,714 00	. . . . .
Proceeds of Anticipation Revenue Notes	$ 420,000 00	$350,000 00	. . . . .	. . . . .	$260,000 00	$300,000 00	. . . . .	. . . . .	. . . . .
Premium on same	1,623 00	637 00	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
	$ 421,623 00	$350,637 00	. . . . .	. . . . .	$260,000 00	$300,000 00	. . . . .	. . . . .	. . . . .
Proceeds of Notes to pay Judgments, for which no immediate provision had been made	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	$1,075,000 00	. . . . .
Balance in Treasury at beginning of the Fiscal Year	$ 684,431 68	$719,017 27	$585,443 25	$427,522 93	$362,441 03	$481,393 32	$355,790 54	$ 865,287 61	$1,851,052 76

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RECAPITULATION OF RECEIPTS.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887
Current Taxes	$2,376,058 31	$2,325,491 16	$2,334,149 65	$2,486,016 38	$2,853,201 34	$2,823,845 11	$3,099,006 06	$3,059,132 35	$3,126,978 49
Delinquent	406,964 45	403,558 23	375,309 51	313,735 78	203,592 87	190,439 43	227,547 56	219,408 40	255,748 69
Licenses	678,003 17	608,046 91	580,036 99	692,125 22	703,487 13	1,018,718 06	1,084,714 89	1,186,515 06	1,189 762 68
Water Works Collections	550,140 60	620,280 30	660,024 75	706,145 65	719,686 37	736,694 26	759,265 53	800,325 70	868,043 10
Wharfage Rents	50,823 60	62,392 63	64,064 11	69,081 42	65,839 88	59,716 54	67,793 85	63,567 86	67,420 42
Miscellaneous Revenue	240,114 58	275,962 95	247,566 16	308.982 10	270,917 60	324,677 52	325,731 99	373,950 48	356,315 66
Proceeds Sales of Real Estate	2,809 62	953 65	1,257 75	4,591 49	75,945 13	816 25	19,062 46	982 54	. . . . .
Incidental Collections	14,585 02	5,281 65	6,716 34	19,525 94	25,429 73	38,352 22	26,963 63	11,491 16	16,687 65
Extraordinary Collections	3,804 46	7,929 16	220,623 47	12,500 00	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Interest from Pacific Railroad on account of Loan	. . . . .	. . . . .	57,313 80	49,000 00	49,000 00	49,000 00	49,000 00	23,477 78	. . . . .
Dividends and settlements of indebtedness of National Bank State of Mo.	. . . . .	171,620 31	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Loan to Pacific Railroad	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	700,000 00	. . . . .
Contract Deposit and other Special Funds	307,870 10	261,956 29	274,896 82	293,066 10	252,070 45	402,847 46	606,960 72	763,490 18	705,051 30
Proceeds Sales of Renewal Bonds	1,439,328 64	587,567 08	638,613 28	106,353 33	283,304 62	216,390 18	699,969 04	. . . . .	135,118 36
Proceeds sale of bonds to pay judgment	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	976,714 00	. . . . .
Proceeds Anticipation Revenue Notes	421,623 00	350,637 00	. . . . .	. . . . .	260,000 00	300,000 00	. . . . .	. . . . .	. . . . .
Proceeds Notes to pay judgments for which no immediate provision had been made	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1,075,000 00	. . . . .
	$6,492,125 55	$5,681,677 32	$5,460,632 63	$5,061,123 41	$5,762,535 12	$6,161,477 03	$6,966,015 73	$9,254,055 51	$6,721,126 35
Balance in Treasury at beginning of Fiscal year	684,431 68	719,017 27	585,443 25	427,522 93	362,441 03	481,393 32	855,790 54	865,287 61	1,851,052 76
	$7,176,557 23	$6,400,694 59	$6,046,075 88	$5,488,646 34	$6,124,976 15	$6,642,870 35	$7,821,806 27	$10,119,343 12	$8,572,179 11

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AMOUNTS AVAILABLE FOR APPROPRIATION FROM THE VARIOUS REVENUES.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
Interest and Public Debt Revenue . . .	$1,610,714 85	$1,628,294 82	$1,651,771 10	$1,472,037 31	$1,564,531 57	$1,434,283 12	$1,513,697 42	*$2,533,722 77	$1,580,896 02
Municipal Revenue	2,693,280 60	2,666,076 70	2,753,434 79	2,670,278 51	2,803,927 37	3,076,937 13	3,495,044 92	3,495,215 58	3,614,888 85
Water Works Revenue	310,140 60	344,618 53	364,459 65	538,254 88	620,719 10	763,739 26	764,357 98	807,250 59	1,055,011 40
Harbor Fund	. . . . .	61,549 18	76,630 95	82,683 88	81,205 45	63,494 31	73,861 97	67,351 56	81,973 16
	$4,614,136 11	$4,700,539 23	$4,846,296 49	$4,763,254 58	$5,070,383 49	$5,338,453 82	$5,846,962 29	$6,903,540 50	$6,332,769 43
NOTE.—In the above statement the amounts transferred from the Water Works Revenue on account of interest on water bonds are included in Interest and Public Debt Revenue and excluded from Water Works Revenue.									
These amounts were as follows	$248,380 11	$280,000 00	$312,000 00	$167,000 00	$110,000 00	$73,000 00	. . . . .	$85,000 00	. . . . .

* In this amount is included the proceeds sale of bonds issued to pay judgment, amounting to $976,714.00. This amount deducted will leave the ordinary revenue of the fund $1,557,008.77.

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STATEMENT No. 5.

COMPARATIVE STATEMENT OF EXPENDITURES.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10. 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
INTEREST—									
Bonded Debt	$1,355,455 35	$1,359,795 36	$1,366 560 05	$1,346.945 70	$1,346,769 53	$1,337,624 33	$1,328,305 87	$1,322,438 99	$1,338,655 67
Sinking Fund Coupons	99,800 00	96,030 00	60,650 00	71,600 00	66,060 00	58,310 00	39,400 00	. . . . .	47,260 00
Sinking Fund Coupons (prior years)	. . . . .	. . . . .	. . . . .	22,490 00	. . . . .	. . . . .	1,770 00	. . . . .	67,560 00
Temporary Loans	8,418 60	10,369 87	. . . . .	. . . . .	6,563 34	6,302 40	. . . . .	1,044 45	. . . . .
Overdraft at Bank	. . . . .	. . . . .	. . . . .	2.731 09	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
	$1,463,733 95	$1,466,195 23	$1,427,210 05	$1,443,766 79	$1,419,392 87	$1,402,236 73	$1,369,475 87	$1,323,483 44	$1,453,475 67
CORONER AND MORGUE—									
Coroner	$ 8,961 02	$ 8,758 68	$ 8,998 82	$ 9,299 28	$ 9,899 83	$ 9,696 64	$ 9,899 92	$11,388 25	$ 9,573 29
Morgue	2,897 72	2,929 95	1,997 61	1,997 99	2,166 81	2,334 74	2,595 78	2,347 47	2,426 48
	$11,858 74	$11,688 63	$10,996 43	$11,297 27	$12,066 64	$12,031 38	$12,495 70	$13,735 72	$11,999 77
COURTS AND EXPENSES INCIDENT THERETO—									
Copying Indexes in Probate Court	. . . . .	. . . . .	. . . . .	$ 400 00	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Costs and Legal Expenses, payable from Interest and Public Debt Revenue	. . . . .	. . . . .	$ 1,342 05	517 60	$ 1,010 55	$ 994 20	$ 1,686 10	$ 630 50	$ 545 80
Costs and Legal Expenses, payable from Municipal Revenue	$ 7,716 61	$ 19,161 33	7,238 80	18,522 67	22,585 20	24,436 25	24,886 12	28,390 31	30,526 56
Courts	86,802 02	91,475 96	90.999 61	92,999 93	92,997 00	93,999 08	95,083 33	77.999 92	80,473 68
Jury Commissioner	1,192 93	8,035 05	3,341 90	7,798 59	3,597 31	7,896 93	3,892 36	6,769 91	4,024 59
Jury and Witness Fees	34,993 88	36,009 20	29,403 70	31,999 70	33,000 80	44,299 35	48,681 25	44,010 35	39,690 40
Law Department	8,099 31	8,056 16	7,960 61	7,924 53	7,882 15	8,218 44	9,295 42	8,892 60	9,499 57
Marshal's Office	26,436 45	23,481 92	18,126 33	18,487 34	17.794 03	18,170 82	17,998 25	19,085 04	19,089 71
	$165,241 20	$186,219 62	$158,413 00	$178,650 36	$178,873 04	$198 015 07	$201,522 83	$186,378 63	$183,856 31

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Departments where Fees of the Office Pay all Expenses—									
Board of Engineers and Boiler Inspector	$ 4,591 13	$ 4,349 00	$ 4,258 17	$ 4,263 15	$ 4,896 71	$ 4,972 95	$ 4,886 15	$ 4,810 24	$ 5,024 70
Inspector of Weights and Measures	6,516 79	6,489 04	6,498 42	6,580 99	6,517 58	6,434 22	6,405 47	6,872 39	6,547 58
Recorder of Deeds	4,664 85	18,512 72	20,413 94	22,493 45	24,064 21	27,964 71	25,233 06	26,618 80	27,433 79
	$15,772 77	$29,350 76	$31,170 53	$33,337 59	$35,478 50	$39,371 88	$36,584 68	$38,301 43	$39,006 07
Fire Department and Fire Alarm Telegraph—									
Fire Alarm Telegraph	$ 20,291 67	$ 17,142 60	$ 23,698 01	$ 37,897 64	$ 22,998 34	$ 21,999 50	$ 36,291 05	$ 28,022 94	$ 29,877 00
Fire Department	253,208 36	251,568 36	271,540 77	290,422 35	307,997 84	343,498 41	358,463 72	421,982 84	418,194 45
Construction of Engine Houses and Purchase of Lots	8,867 69	3,994 10	10,706 02	2,001 00	25 00	. . . . .	88,475 34	38,337 05	1,000 00
Cisterns	. . . . .	. . . . .	. . . . .	. . . . .	845 00	. . . . .	. . . . .	. . . . .	. . . . .
	$282,367 72	$272,705 06	$305,944 80	$330,320 99	$331,866 18	$365,497 91	$483,230 11	$488,342 83	$449,071 45
Health Department—Including Improvements—									
Abating Nuisances	$ 3,490 14	$ 3,963 71	$ 4,118 16	$ 1,915 02	$ 4,421 67	$ 3,440 82	$ 2,509 45	$10,311 10	$ 9,999 59
Board of Health and Commissioner	16,393 24	15,499 68	16,412 83	22,749 61	16,998 46	20,997 99	21,228 85	23,492 02	37,854 73
City Dispensary	15,696 66	13,998 25	16,999 36	13,023 23	9,813 11	15,253 76	18,902 17	17,937 92	17,336 29
City Hospital	49,908 35	48,209 18	58,399 44	64,539 17	65,418 14	67,975 76	61,977 40	71,983 55	77,473 05
Female Hospital	33,409 75	34,197 99	42,052 59	42,691 39	47,965 16	45,945 40	47,735 03	44,956 03	53,302 48
Insane Asylum	59,611 18	63,924 79	74,853 18	67,449 33	68,989 82	73,990 44	81,978 75	79,393 44	83,043 82
Poor House	65,388 99	72,668 07	98,462 19	96,808 38	94,724 45	95,513 10	83,978 71	82,645 35	71,392 81
Quarantine and Small-Pox Hospitals	23,165 52	27,206 05	8,498 96	24,906 50	29,828 96	37,930 05	20,235 06	9,835 27	4,855 49
Removal of Garbage	12,673 54	12,919 92	12,843 26	11,331 31	10,265 10	10,634 99	13,930 89	17,157 50	18,933 29
Water Supply for Female Hospital, Insane Asylum and Poor House	. . . . .	156 47	2,920 72	5,075 87	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
	$279,737 37	$292,744 11	$335,560 69	$350,489 81	$348,424 87	$371,682 31	$352,476 91	$357,712 48	$374,191 55
House of Refuge, Jail and Work House—Including Improvements—									
House of Refuge	$ 34,915 36	$ 35,442 00	$ 34,788 92	$ 33,944 14	$ 35,903 51	$ 35,999 53	$ 59,319 64	$ 43,000 48	$ 53,388 67
Jail	21,227 25	23,196 82	24,702 00	31,070 51	31,709 49	30,599 15	33,697 28	29,487 00	27,206 54
Work House	39,581 64	35,700 08	39,380 72	38,716 79	54,489 69	48,684 07	55,983 41	52,383 58	49,313 37
	$ 95,724 25	$ 94,338 90	$ 98,871 64	$103,731 44	$122 102 69	$115,282 75	$149 000 33	$124,871 00	$129,908 58

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STATEMENT No. 5—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
LIGHTING CITY—									
Gas Light	$254,679 03	$268,471 74	$272,964 07	$275,131 69	$278,389 01	$285,383 92	$288,080 74	$291,371 06	$273,839 30
Gasoline Lamps—Erection of	.....	.....	1,084 38	40 32	.....	.....	.....	.....	.....
Gasoline Lamps—Maintaining	.....	.....	1,515 76	3,500 00	4,670 17	5,059 92	5,653 62	8,751 22	12,098 78
	$254,679 03	$268,471 74	$275,564 21	$278,672 01	$283,059 18	$290,443 84	$293,734 36	$300,122 28	$285,938 08
POLICE	$474,391 93	$522,434 33	$489,998 42	$474,999 15	$510,140 55	$500,933 37	$553,084 85	$563,715 98	$568,357 95
PUBLIC BUILDINGS—SALARIES, EXPENSES AND REPAIRS—									
City Hall	$10,160 01	$9,843 83	$10,431 78	$13,234 39	$12,221 60	$14,489 04	$23,137 35	$16,697 90	$13,848 80
Court House	14,374 45	16,926 48	17,557 93	14,935 28	14,795 94	14,110 75	23,695 73	18,270 24	17,683 42
Four Courts	13,299 15	14,101 98	13,784 29	12,738 14	12,505 00	14,521 50	17 993 72	20,725 11	29,502 41
	$37,833 61	$40,872 29	$41,774 00	$40,907 81	$39.522 54	$43,121 29	$64,826 80	$55,693 25	$61,034 63
PUBLIC IMPROVEMENTS—SALARIES, CURRENT EXPENSES AND REPAIRS.									
Board of Public Improvements—President's Department	$20,997 28	$19,659 38	$19,254 16	$19,285 35	$17,243 17	$17,982 19	$19,077 89	$19,499 74	$20,835 55
Fund for Numbering Houses	.....	.....	.....	.....	.....	$7,838 33	$5,983 53	$1,329 98	$5,984 63
Fund for Filling Wells	.....	.....	.....	.....	.....	.....	.....	$1,674 06	.....
Fund for Redrawing Map	.....	.....	.....	.....	.....	.....	.....	$1,657 47	$342 00

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Parks—Park Commissioner.	$ 6,072 47	$ 6,128 92	$ 6,488 15	$ 6,400 31	$ 5,285 34	$ 5,208 77	$ 5,223 41	$ 5,094 67	$ 5,240 82
General	29,685 70	21,690 51	42,551 30	35,353 48	29,390 31	30,054 60	35,348 76	41,200 65	47,684 05
Lafayette	16,419 76	10,828 41	10,729 03	6,459 16	6,790 58	11,853 16	8,040 11	7,979 31	5,040 04
Tower Grove	25,031 25	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00
	$77,209 18	$64,147 87	$84,768 48	$73,102 95	$66,372 21	$72,206 53	$73,612 28	$79,334 63	$76,968 91
Sewers—Salaries, Current Expenses, and Repairs	$30,878 26	$30,168 96	$25,630 70	$29,610 44	$35,089 60	$33,249 30	$33,009 30	$39,130 73	$41,859 58
Repairing Break in Mill Creek Sewer	. . . . .	. . . . .	49,705 53	54,196 32	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
	$30,878 26	$30,168 96	$75,336 23	$83,806 76	$35,089 60	$33,249 30	$33,009 30	$39,130 73	$41,859 58
Streets—Commissioner's Department	$33,280 47	$28,996 17	$33,571 18	$31,119 16	$35,240 77	$36,601 40	$41,177 59	$40,978 07	$44,895 30
Bridges and Culverts, Miscellaneous and Repairs. . . .	11,811 13	12,365 37	12,386 14	18,492 55	13,860 12	16,835 86	14,694 00	14,993 89	23,137 22
Cleaning—Floating Dumps .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	2,062 30	5,934 75	5,946 86	11,984 25
Labor and Carts .	59,855 62	67,205 43	68,993 13	101,372 61	96,849 80	105,438 17	120,206 92	112,523 20	119,713 93
Stone and Wood Blocks and Asphaltum Pavements	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	17,642 45	39,135 64	29,781 59	44,507 86
Grades and Surveys	7,731 40	3,885 70	6,343 38	3,965 75	5,299 27	5,537 11	5,920 15	5,829 87	5,993 67
Repairs—Macadam and other Material	134,497 94	154,215 99	134,200 32	119,864 92	114,107 38	154,981 85	147,363 19	128,917 70	143,166 85
Miscellaneous Expenses	48,348 17	44,528 69	51,466 62	59,766 17	52,908 23	65,658 18	80,825 21	75,246 15	93,085 65
Reconstruction . .	. . . . .	. . . . .	16,968 02	30,965 72	878 11	. . . . .	. . . . .	. . . . .	. . . . .
Reconstructed Streets	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	49 57	9,407 33	13,852 01
Salaries	15,854 99	19,741 48	20,731 74	17,288 10	18,725 78	18,181 67	18,444 02	19,088 25	18,309 45
Special Service. . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	2,255 20	997 74	3,988 78
Stone and Wood Blocks	32,183 81	25,566 63	27,481 12	28,091 53	10,633 63	6,665 00	4,999 60	4,735 30	. . . . .
Street Opening Expenses . .	7,450 91	7,875 10	6,395 29	5,110 80	8,779 56	11,812 28	13,197 31	11,984 50	12,996 40
Lot for Storing Tools	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	4,500 00	. . . . .	. . . . .
	$351,014 44	$364,380 56	$378,536 94	$416,037 31	$357,282 65	$441,416 27	$498,703 15	$460,430 45	$535,631 37
Harbor and Wharf—									
Cleaning Levee and Removing Obstructions	$ 7,660 19	$ 13,985 89	$14,954 64	$14,044 62	$14,115 28	$14 389 21	$11,219 50	$ 7,310 98	$10,322 53
Harbor and Wharf—Salaries and Current Expenses.	12,258 32	12,548 71	12,858 59	12,999 85	13,314 31	12,529 02	13,412 39	16,830 19	12,307 58
Harbor Boat	2,888 94	5,046 22	3,164 33	6,016 76	5,923 26	6,970 71	14,932 54	17,412 47	11,158 30

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STATEMENT No. 5—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
PUBLIC IMPROVEMENTS, ETC.—*Cont'd.*									
Repairs—Dikes, Wharf and River Bank	$ 17,118 32	$ 19,683 76	$ 17,956 51	$ 22,473 95	$ 24,971 68	$ 31,357 27	$ 26,973 25	$ 17,955 00	$ 25,594 94
	$ 39,925 77	$ 51,264 58	$ 48,934 07	$ 55,535 18	$ 58,324 53	$ 65,246 21	$ 66,537 68	$ 59,508 64	$ 59,383 35
Aggregates, Public Improvements, Salaries, Expenses and Repairs	$520,024 93	$529,621 35	$606,829 88	$647,767 55	$534,312 16	$637,938 83	$636,923 83	$662,565 70	$741,005 39
WATER WORKS—Operating Expenses and Collection of the Revenue—									
Assessor and Collector of Water Rates	$ 29,445 15	$ 34,499 43	$ 36,495 21	$ 36,823 21	$ 36,977 50	$ 41,917 95	$ 47,926 84	$ 42,578 33	$ 50,505 66
Water Works	198,177 68	204,134 04	236,996 08	263,887 91	268,866 24	272,293 26	266,323 58	248,603 34	243,827 00
	$227,622 83	$238,633 47	$273,491 29	$300,711 12	$305,843 74	$314,211 21	$314,250 42	$291,181 67	$294,332 66
DEPARTMENTS NOT ABOVE CLASSIFIED:									
Assessment of Revenue	$ 43,752 38	$ 45,759 13	$ 47,425 54	$ 50,640 03	$ 48,999 03	$ 51,978 57	$ 63,848 25	$ 65,499 60	$ 65,919 63
Collection of Revenue	47,824 06	5,597 92	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Commissioner of Public Buildings	. . . . .	. . . . .	. . . . .	. . . . .	5,488 42	5,748 68	12,870 96	11,973 69	12,005 99
Commissioner of Supplies	11,832 04	11,499 97	11,499 91	11,215 00	11,499 12	11,356 45	11,392 03	11,877 13	11,498 59
Municipal Assembly	31,999 62	27,117 61	27,457 65	25,468 53	26,498 94	26,599 91	28,683 50	28,656 10	31,876 09
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	56,220 30	54,330 61	54,237 93	50,615 95	51,297 63	52,457 86	53,973 70	51,430 73	52,506 07
	$191,628 40	$144,305 24	$140,621 03	$137,939 51	$143,783 14	$148,141 47	$170,768 44	$169,437 25	$173,806 37
MISCELLANEOUS EXPENSES—									
Catching and Killing Dogs	$ 2,750 00	$ 2,749 50	$ 4,694 70	$ 3,999 75	$ 4,999 50	$ 6,000 00	$ 6,000 00	$ 5,083 45	$ 6,985 00

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Changing Ward Boundaries									$1,600 00
Contingent Fund	5,018 86	2,186 56	2,722 80	2,668 90	2,393 11	4,708 51	6,077 35	9,619 73	7,830 74
Contract Deposit Money in National Bank of State of Mo.	3 000 00	1,200 00	400 00						
Correcting Title to Carondelet Property			22,500 00						
Damages by Overflow of Mill Creek Sewer					76,395 85	500 00			
Damages by Change of Grade in Building Bridges			895 00	5,967 00			11,300 00		
Election and Registration	33,141 47	2,198 65	23,918 89	4,329 47	44,772 76	14,921 95	44,999 93	22,394 39	47,188 58
Insurance	4,999 25	4 289 75	8,992 95	8,420 25	9,463 82	4.333 81	14,859 28	4,827 26	324 75
Judgments payable from Interest and Public Debt Revenue			45,000 00	5,164 73	3,617 50	555 75	47,611 50	1,800 00	2,686 78
Judgments payable from Municipal Revenue	2,816 58	5,067 97	2,938 55	767 93	3,060 49	1,638 79	3,450 00	7,100 75	2,757 58
Making Back Tax Books and Bills		877 56	89 97	1,673 67	944 02	1,120 31	1,136 59	1.521 37	1,235 63
Markets	18,704 20	20,528 06	22,643 12	16,409 15	14,646 94	13 684 58	13,039 95	11,989 69	10,584 57
Mayor's Contingent Fund	8,000 00	7,800 00	7,800 00	7,800 00	7,800 00	7,800 00	7,800 00	10,000 00	10,000 00
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	681 27	700 00	1,068 62	1,939 57	952 95	446 88	804 79	865 96	574 36
Old County Claims	957 62	614 05	266 90	28 22	3 36				
Paving around Lafayette Park	2,079 10								
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	11,998 23	8,899 11	12,289 89	15,233 54	13,960 93	9,212 10	10,099 56	8,389 47	7,314 52
Purchase of Real Estate and Erection of Public Buildings								265 85	
Real Estate Account	2,944 38	1,328 32	965 54	1,706 22	1,723 05	860 16	1,177 95	9,976 09	5,743 11
Refunding Licenses and Taxes, Thirteenth Ward	49 95	15 87		50 82					
Relief Ordinances	341 75		6,502 39	1,603 42	1,417 28	10,813 28	13,344 33	130 31	1,133 63
Scales	8,771 90	7,803 77	7,162 37	6 897 80	6,354 06	7,121 98	6,688 50	6,432 04	6,736 41
Scavenger Dumps	6 892 57	9,923 97	10,126 11	8,243 80	8,268 64	10,558 32	12,277 70	8,457 56	7,729 29
Sinking Fund	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00		20,000 00
Special Attorneys' Fees, payable from Interest and Public Debt Revenue			72,812 50						
Special Attorneys' Fees payable from Municipal Revenue			14,358 09	950 00		125 00			
Special Tax against Reservoir					5,021 46				1,376 97
Special Taxes against City Property in reconstructing Streets						6,693 40	8,770 58	22,962 58	23,821 51
Saint Louis County's proportion of amount recovered from Pacific Railroad			4,358 98						
Wharf, North, Floating Debt	110 48	28 11							
	$123,197 61	$86,211 25	$282,507 37	$103,854 24	$215,804 72	$111,094 73	$219,438 01	$131,816 50	$167,623 43

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STATEMENT No. 5—*Continued.*

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
PUBLIC IMPROVEMENTS—NEW WORK—									
Sewers—Construction	$69,270 80	$56,224 92	$15,394 92	$25,874 61	$20,570 57	$46,081 33	$114,812 24	$79,227 01	$101,683 93
Streets—Bridges and Culverts	$ 3,170 34	$23,231 79	$50,622 57	$69,958 90	$46,973 54	$16,972 24	$150,638 83	$47,623 74	$117,683 43
Improvements	45,270 91	24,566 34	31,493 55	27,211 03	35,844 99	14,887 75	73,428 64	28,117 33	44,652 12
Reconstruction	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	5,092 16	12,406 43	19,146 50	18,264 12
Total for Streets	$48,441 25	$47,798 13	$82,116 12	$97,169 93	$82,818 53	$36,952 15	$236,473 90	$94,887 57	$180,599 67
Water Works—Water Pipe	$65,576 98	$57,867 52	$121,998 83	$45,710 30	$ 64,064 65	$ 61,661 84	$220,763 20	$206,499 93	$161,480 57
Extension	. . . . .	. . . . .	. . . . .	18,485 43	233,733 21	175,545 00	85,782 31	91,834 34	76,335 81
Total for Water Works	$65,576 98	$57,867 52	$121,998 83	$64,195 73	$297,797 86	$237,206 84	$306,545 51	$298,334 27	$237,816 38
Wharf Improvements	$10,180 08	$11,896 52	$ 2,987 48	$ 7,077 66	$ 7,722 90	$ 9,385 42	. . . . .	. . . . .	. . . . .
Opening	. . . . .	. . . . .	. . . . .	. . . . .	3,001 75	3,248 65	. . . . .	. . . . .	. . . . .
Total for Wharf	$10,180 08	$11,896 52	$ 2,987 48	$ 7,077 66	$ 10,724 65	$ 12,634 07	. . . . .	. . . . .	. . . . .
Aggregate for Public Improvements—New work	$193,469 11	$173,787 09	$222,497 35	$194,317 93	$411,911 61	$332,874 39	$657,831 65	$472,448 85	$520,099 98
SPECIAL FUNDS—									
Constantine Maguire Fund	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	$ 485 90	. . . . .	. . . . .	. . . . .
Contract Deposits	$250,033 85	$193,412 21	$243,534 80	$263,820 97	$230,063 82	331,916 13	$508,335 59	$615,189 59	$554,869 29
House of Refuge Improvements	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	30,142 08	. . . . .	. . . . .	. . . . .
Opening Streets, Damages	38,740 43	113,597 32	23,296 03	14,809 02	26,868 81	28,714 79	105,259 66	149,338 07	128,671 59
Parks—Forest, O'Fallon and Carondelet	34,330 17	27,764 39	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Poor House Bakery	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	23,735 32	25,015 74	23,131 32
Poor House Dairy	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7,144 36

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Proceeds Sales of Real Estate paid to Sinking Fund			165 00	2,490 00	652 50	56,620 17			676 80
Purchase of Real Estate and Erection of Public Buildings				237 68	16,897 42	7,528 07	14,572 89		
Redemption of Lands Sold for Taxes	17,532 47	279 34		61 28	28 92				
Refunding Water Pipe Special Taxes	2,049 44	183 59	992 64	183 67			39 45		
Repairing Twelfth Street (Lucas Market site)					414 82	21 70	563 48		
School Sect. 16—Compromise Money from Commmissi oner paid to Public Schools						9,296 99	3,129 84		1,259 28
Sewers—Arsenal Street, Mill Creek and Rocky Branch	41,029 01	59,913 22	18,855 53	5,767 45	3,907 64				
Special Deposit—A. Arnstein							2,000 00	5,000 00	
Sprinkling Fund					1,633 14				
Witness and Other Fees	951 53	8,190 09	362 71	1,842 36	794 41	367 60	250 10	374 80	270 45
	$384,666 90	$403,330 16	$287,206 71	$289,212 43	$281,259 48	$474,093 43	$657,886 33	$794,918 20	$716,023 09
Bonds Matured and Paid	$1,327,000 00	$565,000 00	$638,000 00	$250,000 00	$205,000 00	$150,000 00	$709,000 00	$17,000 00	$325,000 00
Redemption of Bonds—Special Fund								$8,290 82	$710,621 79
Temporary Loans Paid	$420,000 00	$350,000 00			$260,000 00	$300,000 00	$3,174 75	$1,075,044 00	
Judgments—St. Louis Gaslight Company's Claims								$1,162,236 77	
Certificate of Receiver of the National Bank of State of Missouri		$123,119 83							
Auditor's Warrants on hand at beginning of fiscal years	$40,941 43	$52,351 82	$35,712 78	$43,817 23	$87,587 92	$82,847 00	$102,737 78	$91,924 99	$60,931 49

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RECAPITULATION OF EXPENDITURES.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886	Fiscal Year ending April 11, 1887.
Interest on Bonded and Temporary Debts	$1,463,733 95	$1,466,105 23	$1,427,210 05	$1,443,766 79	$1,419,392 87	$1,402,236 73	$1,369,475 87	$1,323,483 44	$1,453,475 67
Coroner and Morgue	11,858 74	11,688 63	10,996 43	11,207 27	12,066 64	12,031 38	12,495 70	13,735 72	11,999 77
Courts and Expenses incident thereto	165,241 20	186,219 62	158,413 00	178,650 36	178,873 04	198,015 07	201,522 83	186,378 63	183,856 31
Departments where Fees of the Office pay all expenses	15 772 77	29,350 76	31,170 53	33,337 59	35,478 50	39,371 88	36,584 68	38,301 43	39,006 07
Fire Department and Fire Alarm Telegraph	282,367 72	272,705 00	305,944 80	330,320 99	331,866 18	365,497 91	483,230 11	488,342 83	449,071 45
Health Department	279,737 37	292,744 11	335,560 69	350,489 81	348,424 87	371,682 31	352,476 91	357,712 48	374,191 55
House of Refuge, Jail and Work House	95,724 25	94,338 90	98,871 64	103,731 44	122,102 69	115,282 75	149,000 33	124,871 06	129,908 58
Lighting City	254,679 03	268,471 74	275,564 21	278,672 01	283,059 18	290,443 84	293,734 36	300,122 28	285,938 08
Police	474,391 93	522,434 33	489,998 42	474,999 15	510,140 55	500,933 37	553,084 85	563,715 98	568,357 95
Public Buildings—Salaries, Expenses and Repairs	37,833 61	40,872 29	41,774 00	40,907 81	39,522 54	43,121 29	64,826 80	55,693 25	61,034 63
Public Improvements—Salaries, Expenses and Repairs	520,024 93	529,621 35	606,829 88	647,767 55	534,312 16	637,938 83	696,923 83	662,565 70	741,005 39
Water Works—Operating Expenses and Collection of the Revenue	227,622 83	238,633 47	273,491 29	3' 0,711 12	305,843 74	314,211 21	314,250 42	291,181 67	294,332 66
Departments not above classified	191,628 40	144,305 24	140,621 03	137,939 51	143,783 14	148,141 47	170,768 44	169,437 25	173,806 37
Miscellaneous Expenses	123,197 61	86,211 25	282,507 37	103,854 24	215,304 72	111,004 73	219,438 01	131,816 50	167,623 43
Public Improvements—New work	193,469 11	173,787 09	222,497 35	194,317 93	411,911 61	332,874 39	657,831 65	472,448 85	520,099 98
Special Funds	384,666 90	403,330 16	287,206 71	289,212 43	281 259 48	474,093 43	657,886 33	794,918 20	716,023 00
Bonds Matured and Paid	1,327,000 00	565,000 00	638,000 00	250,000 00	205,000 00	150,000 00	709,000 00	17,000 00	325,000 00
Redemption of Bonds—Special Fund	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	8,290 82	710,621 79
Temporary Loans Paid	420,000 00	350,000 00	. . . . .	. . . . .	260,000 00	300,000 00	3,174 75	1,075,044 00	. . . . .
Judgments—St. Louis Gaslight Company Claims	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1,162,236 77	. . . . .
Certificate of Receiver of the National Bank of State of Missouri	. . . . .	123,119 83	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Auditor's Warrants on hand at Beginning of fiscal year	40,941 43	52,351 82	35,712 78	43,817 23	87,587 92	82,847 00	102,737 78	91,924 99	60,931 49
	$6,509,891 78	$5,851,380 88	$5,662,370 18	$5,213,793 23	$5,726,429 83	$5,889,817 59	$7,048,443 65	$8,329,221 85	$7,266,284 26

AMOUNTS SET APART OUT OF THE VARIOUS REVENUES FOR NEW PUBLIC WORKS.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887.
Sewers—Construction	$69,063 69	$13,651 30	$34,616 67	$ 8,750 00	$ 41,723 39	$119,999 69	$ 59,426 00	$138,298 38	$ 62,904 78
Streets—Bridges and Culverts	33,150 00	34,219 47	71,900 00	6,572 00	57,400 00	116,555 00	70,004 61	129,000 00	96,605 39
Improvements	24,645 67	208 52	39,604 66	19,444 10	25,661 58	31,062 55	30,105 06	40,947 07	48,768 08
Openings Assessments against City	26,252 57	16,453 57	8,694 27	4,553 45	9,027 37	3,869 40	21,017 82	38,582 18	10,772 49
Reconstruction	. . . . .	. . . . .	16,968 02	33,950 72	19,669 00	10,881 55	17,122 43	28,459 50	44,368 12
Water Works—Extension	. . . . .	. . . . .	. . . . .	197,900 00	217,935 19	264,299 27	123,500 00	7,878 00	37,262 17
Water Pipe	49,787 82	89,550 16	93,481 24	34,202 80	64,981 00	96,626 39	325,926 42	236,450 00	107,137 54
Cistern for Fire Department	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	10,000 00	. . . . .	. . . . .	. . . . .
Wharf—Improvement	6,000 00	. . . . .	11,756 92	11,374 86	9,881 85	. . . . .	. . . . .	. . . . .	. . . . .
Opening	. . . . .	. . . . .	. . . . .	. . . . .	5,000 00	1,250 40	. . . . .	. . . . .	. . . . .
	$208,903 75	$154,083 08	$277,021 78	$316,747 93	$451,279 38	$654,544 25	$647,102 34	$619,615 13	$407,818 57

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STATEMENT No. 6.

COMPARATIVE STATEMENT OF SALARIES.

	Fiscal Year ending April 7, 1879.	Fiscal Year ending April 12, 1880.	Fiscal Year ending April 11, 1881.	Fiscal Year ending April 10, 1882.	Fiscal Year ending April 9, 1883.	Fiscal Year ending April 7, 1884.	Fiscal Year ending April 13, 1885.	Fiscal Year ending April 12, 1886.	Fiscal Year ending April 11, 1887
Abating Nuisances		$ 279 90							
Assessor and Collector of Water Rates	$ 27,162 50	30,953 81	$ 33,281 33	$ 33,817 35	$ 33,937 73	$ 38,140 30	$ 43,985 90	$ 38,386 58	$ 45,716 32
Assessment of revenue (State pays one-half)	41,471 70	43,779 92	46,150 97	48,269 18	47,046 42	49,006 87	59,754 45	60,979 25	62,875 79
Board of Engineers and Boiler Inspector (fees pay expenses of department)	3,270 00	3,242 00	3,128 00	3,155 65	4,005 59	4,016 00	4,016 00	3,955 50	4,016 00
City Hall	4,020 00	3,965 00	4,020 00	4,020 00	4,020 00	5,338 22	5,792 42	6,000 00	6,044 68
Commissioner of Supplies	9,499 80	9,499 80	9,499 80	9,499 80	9,499 80	9,497 30	9,499 80	9,499 80	9,499 80
Coroner	5,299 80	5,299 80	5,467 66	6,299 80	6,791 49	6,499 92	6,499 92	6,499 92	6,499 92
Court House	5,819 69	5,815 32	5,858 19	5,858 96	5,841 44	5,463 06	5,819 04	5,567 64	6,304 80
Courts—									
Circuit	17,499 60	17,791 26	18,064 10	17,499 60	18,957 90	19,314 39	20,479 59	20,499 60	20,336 83
Court of Appeals	14,383 09	15,233 05	14,122 54	14,433 00	14,433 00	14,433 00	11,389 73		
Criminal Court	9,999 89	11,259 88	11,058 74	12,750 00	13,176 14	12,975 00	13,000 00	13,000 00	13,000 00
Court of Criminal Correction	14,483 15	17,226 45	16,149 80	11,510 94	10,781 08	10,051 92	9,999 84	9,999 84	9,999 84
Police Courts	13,859 86	13,859 88	13,957 13	14,960 24	14,904 88	15,269 97	14,906 76	14,879 88	14,780 25
Election and Registration	15,998 14	2,089 80	12,200 81	2,955 85	23,859 69	11,021 63	29,924 14	16,636 39	20,283 35
Fire Alarm Telegraph	9,357 00	10,007 50	11,245 00	10,125 00	10,200 00	10,888 66	13,907 50	14,040 00	13,967 71
Fire Department	189,483 89	195,229 35	199,889 51	212,896 97	214,989 70	238,701 14	249,749 30	313,638 91	332,754 10
Four Courts Building	7,227 69	7,061 04	7,180 53	7,157 95	7,198 30	7,340 27	7,335 91	7,588 99	8,083 55
Gaslight	999 96	999 96	999 96	999 96	863 06	999 96	999 96	999 96	249 99
Health Department—									
Board of Health and Commissioner	11,986 50	12,332 06	12,784 66	13,306 83	13,944 39	14,717 17	14,120 09	19,545 83	20,846 46
City Dispensary	8,369 14	6,918 04	7,840 36	6,748 37	6,307 50	9,764 11	10,783 26	10,565 85	10,129 28
City Hospital	15,693 40	16,243 86	18,280 81	17,827 21	16,101 36	17,165 57	18,919 92	21,790 15	24,082 94
Female Hospital	10,380 14	11,388 85	12,109 46	11,688 36	12,943 58	13,978 85	13,334 91	15,019 30	16,072 57
Insane Asylum	22,006 39	22,453 15	23,398 03	22,736 96	24,957 64	25,319 36	27,543 11	29,302 66	29,798 28
Poor House	15,808 21	18,805 46	23,137 75	22,202 35	24,705 20	24,821 11	23,559 57	24,179 32	24,712 63
Quarantine and Small-Pox Hospital	8,810 88	2,368 61	3,566 64	10,650 55	10,769 01	14,365 70	9,487 07	5,642 40	3,057 69
House of Refuge	10,588 78	10,806 18	10,629 79	10,794 61	10,873 09	11,204 91	11,872 41	12,952 01	14,038 80

Inspector of Weights and Measures (fees pay expenses of Department)	6,379 01	6,380 93	6,399 84	6,399 84	6,399 84	6,399 83	6,395 78	6,441 34	6,399 62
Jail	10,538 51	10,540 61	10,534 06	10,537 96	10,487 98	10,501 00	11,972 02	11,974 15	11,979 96
Jury Commissioner	1,125 00	6,571 14	3,251 96	7,610 96	3,513 96	7,551 46	3,712 50	6,483 46	3,883 96
Law Department	7,799 88	7,799 92	7,800 00	7,800 00	7,800 00	8,081 28	8,700 00	8,700 00	8,700 00
Markets	10,539 22	10,539 22	10,539 16	10,539 16	8,833 34	7,562 63	7 648 23	7,689 32	7,689 32
Marshal	25,919 79	21,370 09	17,659 86	17,698 60	17,345 79	17,424 96	17,499 96	18,181 59	18,399 96
Morgue	1,537 16	1,500 00	1,500 00	1,500 00	1,375 00	1,500 00	1,500 00	1,500 00	1,500 00
Municipal Assembly	20,914 14	20,950 00	20,700 00	21,000 00	21,000 00	21,000 00	21,000 00	20,866 96	20,992 50
Police	431,331 15	488,462 06	443,217 67	436,938 54	450,037 87	466,785 72	505,635 02	526,172 98	533,509 97
Public Improvements—									
Board of Public Improvements—President's Department	16,258 15	15,075 18	15,539 59	13,876 83	15,017 42	15,705 21	16 495 79	16,815 92	18,585 40
Commissioner of Public Buildings	1,800 00	1,800 00	1,800 00	2,656 66	3,990 00	4,479 98	9,629 13	10,174 34	10,306 41
Cleaning Levee and Removing Obstructions	1,917 65	2,517 25	3,185 75	3,919 50	3,720 00	4,009 00			
Numbering Houses						6,895 60	5,665 38	1,304 98	5,381 67
Harbor and Wharf Department	9,876 52	9,850 99	10,548 97	10 237 20	9,943 75	8,614 15	10,169 88	10,169 88	10,169 88
Harbor Boat	1,366 00	1,372 50	1,368 75	1,368 75	1,380 75	1,372 50	8,534 15	7,710 26	5,777 37
Parks	19,335 79	29,039 74	20,149 92	19,465 25	16,651 65	15,725 28	15,596 55	15,950 82	16,146 37
Sewers	18,636 90	17,498 26	15,455 38	22,271 05	20,623 51	22,692 93	24,215 46	25,995 32	26,890 54
Street Commissioner	28,640 31	26,078 07	29,130 19	28,029 49	31,394 64	32,088 11	36,532 23	36,528 70	40,404 54
Street Bridges and Culverts	2,069 45	2,569 87	3,354 10	4,643 74	828 46	4,041 67	4,682 41	6,530 23	7,158 33
Street Cleaning	1,350 00	4,902 50	5,400 00	3,543 72	3,082 25	3,850 83	6,002 41	1,725 00	7,163 71
Street Cleaning—Floating Dumps							2,698 39	2,993 39	3,400 00
Streets—Special Service							2,194 00	977 74	3,988 78
Street Grades and Surveys	6,910 00	3,643 70	6,069 58	3,745 80	4,896 67	4,987 75	5,417 75	5,374 97	5 583 72
Street Repairs	15,829 99	19,741 48	20,731 74	17,288 10	21,855 02	18,181 67	18,444 02	19,088 25	18.309 45
Water Works	70,153 94	69,607 30	68,646 46	75,465 32	82,935 77	91,326 72	89,440 17	94,320 81	97,948 48
Recorder of Deeds (fees pay expenses of Department)	3,898 17	17,558 40	19,678 84	21,383 72	22,831 41	23,638 86	22,954 54	24,823 85	25,183 81
Salaries—									
Mayor	9,076 23	9,222 73	9 351 48	7,907 40	8,081 02	8,943 14	9,088 79	7,989 04	8,669 99
Comptroller	18,980 44	17,625 90	17,838 12	16,453 33	17,491 70	17,299 91	18,614 09	17,341 81	17,736 20
Auditor	12,496 99	12,499 84	11,699 84	11,533 24	11,509 92	11,635 39	11,509 92	11,509 92	11,509 92
Register	7,500 00	7,500 00	7,500 00	7,478 50	6,624 99	6,600 00	6,675 00	6,600 00	6,600 00
Treasurer	8,166 64	7,482 14	7,848 49	7,177 63	7,500 00	7,500 00	7,891 06	7,899 96	7,899 96
Scales (fees pay expenses of Department)	7,766 51	6,945 00	6,423 94	5,649 84	5,578 80	5,547 50	5,649 84	5,632 91	5,649 84
Scavenger Dumps	5 636 90	5,379 19	5,400 00	6 120 00	6,404 70	6,406 19	6,340 00	6,312 58	6,240 00
Work House	14,112 14	13,199 04	13,072 39	12,877 88	16,400 77	16,483 31	17,238 72	17,124 35	17,215 30
Total	$1,291,341 78	$1,361,112 98	$1,345,826 65	$1,355,323 51	$1,408,734 97	$1,475,196 97	$1,585,810 79	$1,650,169 61	$1,723,206 54

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ANNUAL REPORT

— OF THE —

CITY AUDITOR,

FOR THE FISCAL YEAR COMMENCING APRIL 13, 1886, AND ENDING APRIL 11, 1887.

CITY AUDITOR'S OFFICE,
ST. LOUIS, May 5, 1887.

To the Honorable, the Municipal Assembly of the City of St. Louis:

GENTLEMEN — In compliance with the provisions of the City Charter, I have the honor to herewith submit my report of the business of this office for the fiscal year ending April 11, 1887.

Very Respectfully,

A. J. SMITH,
City Auditor.

RECEIPTS.

TREAS. Dr.

To balance cash in Treasury April 13, 1886		$1,851,052 76
" receipts into the Treasury during the fiscal year from the following sources:		
H. Clay Sexton, Collector of Revenue —		
Back taxes 1875 and prior years	$9 53	
" " 1877 to 1884	46,989 66	
" " 1885	149,254 30	
" " 1885 and 1886	44,850 27	
Delinquent personal taxes 1877	3 85	
" " " 1878	75 43	
" " " 1879	13 05	
" " " 1880	121 94	
" " " 1881	153 28	
" " " 1882	223 23	
" " " 1883	918 88	
" " " 1884	2,238 75	
" " " 1885	11,863 06	
" " " 1886	1,776 86	
Current revenue 1886	3,125,201 63	
Surplus commissions due City on Settlement March 5, 1887	22,674 24	
Licenses, bills, etc., as follows:		
Advertising agent	28 80	
Astrologer	56 89	
Auctioneers	2,995 28	
Banks and brokers	4,294 87	
Billiards	543 15	
Bill poster	9 60	
Clairvoyant	48 00	
Commission merchants	18,301 12	
Conveyancer	24 38	
Dogs	11,201 75	
Dram shops	732,041 42	
Electric battery	6 10	

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Financial agent		48 75
Flying horses		127 98
Fortune tellers		795 75
Horse auctioneer		144 00
Hotels and boarding houses		1,351 77
Hotel runners		291 00
House of Refuge bills		4,387 63
Insane Asylum bills		1,714 90
Insurance		19,229 70
Intelligence offices		507 75
Junk Shops, wagons, etc		2,356 79
Lithographers		29 25
Lumber measurers		72 38
Markets.—City	$4,136 05	
Soulard	311 18	
Union	29,748 33	
		34,195 56
Manufacturers		102,742 87
Mercantile agencies		193 50
Merchandise brokers		2,540 73
Merchants		157,841 28
Ordinaries		3,594 03
Street Openings, cost and interest accounts		3 63
Alley in block 4	$2,478 99	
" " 5	641 84	
" " 190	2,219 59	
" " 241	1,233 18	
" " 575 E and 589	348 40	
" " 811	507 77	
" " 830	62 20	
" " 1033	287 09	
" " 1284	626 44	
" " 1285	1,090 54	
" " 1818	273 48	
" " 1859	39 42	
" " 1865	222 54	
" " 1959	1,281 29	
" " 1973, 1974 and 1975	1,381 83	
" " 2288 N	6,564 54	
" " 2301	1,437 95	
" " 2345	65 42	
" " 2346	2,422 01	
" " 3308	59 71	
" " 3637	105 80	
" " 3661	236 39	
" " 3662	935 55	
" " 3666	657 23	
" " 3742	1,431 97	
" " 3750	413 18	
" " 3927	4,323 78	
" " 3928	3,661 06	
" " 3979	192 00	
Bacon street	66 17	
Bartle avenue No. 1	7,926 03	
" " No. 2	3,721 64	
Bell avenue	4,167 17	
Boyle avenue	806 13	
Cabanne street No. 1	586 33	
" " No. 2	13,700 63	
California avenue	4,416 67	
Chestnut street	2,194 44	
Clayton road	757 52	
Cook avenue	631 08	
Easton avenue	965 61	
Eighteenth street	623 87	
Finney avenue	2 93	
Grand avenue No. 1	3,857 38	
" " No. 2	1,310 90	
Jefferson avenue	99	
Kittenreiner avenue	10 24	
Kosciusko street	1,976 40	
Leffingwell avenue	714 45	
McCausland road	12,262 51	
Magazine street	8,382 40	
Main street	4,145 89	
Martin avenue	1,154 22	
Menard street	285 60	
Ninth street	2,854 21	
North Market street	28 98	
Ohio avenue	4 88	
Oregon avenue	245 76	
Parnell street	39 00	
Prairie avenue	24 00	
Sarah street	140 66	

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Engravers		117 00	
Triangular strip at Leffingwell and Easton avenues and Wash street	1,916 44		
Twenty-fourth street	3,424 83		
Twenty-sixth street	1,133 99		
Vandeventer No. 1	59 89		
" No. 2	2,196 67		
Windsor place	8 78		
Wyoming street	2 40		
		121,824 33	
Patent solicitors		72 75	
Pawnbrokers		4,453 50	
Peddlers and hawkers		15,219 37	
Photographers		740 82	
Railway ticket-brokers		680 25	
Real Estate agents		7,946 03	
Register's fees		4,402 48	
Rents—Carondelet Park		199 58	
Exchange Square		278 00	
Forest Park		1,134 38	
O'Fallon Park		209 25	
All other buildings, etc		3,263 61	
Sale stables		196 50	
Shooting galleries		241 87	
Stock yard		144 00	
Street railways		10,301 91	
Ten pin alleys		96 60	
Theaters, circuses, exhibitions, etc		2,962 87	
Vault cleaners		487 50	
Vehicles		84,491 19	
Weighers		194 63	
Weigher's tickets		14,806 55	
Wharfage		67,420 42	
Work house bills		1,080 36	
St. Charles county on account of Court of Appeals expenses		175 01	
St. Louis county, board of patients at Poor House		1,996 93	
United States jail account		1,922 80	
			$4,855,095 56
Frederick W. Mott, Assessor and Collector of Water Rates:			
Water licenses		856,916 65	
Permits		3,976 00	
Taps		2,188 75	
Connections, etc		4,961 70	868,043 10
Martin Neiser, city Marshal—			
Fines and costs, 1st District Police Court		15,432 50	
" " 2d " " " "		6,199 00	
" " South St. Louis Police Court		1,145 00	
			22,776 50
Thomas F. Farrelly, ex-Recorder of Deeds—			
Fees			22,241 10
Wm. A. Hobbs, Recorder of Deeds—			
Fees			7,903 40
Andrew Haley, Inspector Weights and Measures—			
Fees			10,254 55
Asa B. Ecoff, Boiler Inspector—			
Fees			7,525 00
Wm. Kuns, Superintendent Work House—			
Fines and costs		2,886 80	
Old rags		9 25	
Cow hides		7 85	
Scrap iron		1 00	
			2,904 90
Louis Kiedus, Commissioner of Public Buildings—			
Building permits issued		4,915 00	
Amount refunded, being overpayment on Pay Roll for February, March and April, 1886. Four Courts Bldg. Sals. and Cur. Exps		150 00	
			5,065 00
G. W. Carson, Clerk Board of Health—			
Certified copies of burial certificates		312 00	
Burial of U. S. Marine Hospital patients		27 00	
			339 00
Sylvester S. Nidelet, ex-Coroner—			
Costs Coroner's inquests		107 50	
Cash found on dead persons		89 39	
			196 89
Daniel O'Connell Tracy, Register—			
Notarial and other certificates		50 00	
Certified copies of ordinances and records		28 70	
			78 70
Henry F. Harrington, Sheriff—			
Circuit court—jury and judges' fees		1,389 50	

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Court of Criminal Correction—Prosecuting Attorney's fees	$5 00		
Costs city appeal cases	14 00	19 00	
Fees belonging to others		389 88	
Proceeds of sale of property remaining unclaimed at Four Courts, by order of Criminal Court and Ct. of Crim. Correction		135 70	
			1,933 58
Chas. F. Vogel, ex-Circuit Clerk—			
Jury fees		4,950 13	
Judges' fees		1,914 75	
Surplus fees for year ending Dec. 31, 1886		158 81	
Fees belonging to others		375 35	
			7,399 04
Patrick M. Stead, Clerk Criminal Court—			
Circuit attorney's fees		1,397 50	
Jailer's fees		11,770 10	
Fees belonging to others		827 85	
			13,995 45
Philip H. Zepp, ex-Clerk Court of Criminal Correction—			
Prosecuting attorney's fees		87 50	
Jailer's fees		556 00	
Costs city appeal cases		152 90	
Surplus fees for year ending Dec. 31, 1886		5,061 70	
Fees belonging to others		970 80	
			6,778 00
Philip H. Zepp, Clerk Circuit Court—			
Jury fees		1,700 04	
Judges fees		915 06	
			2,615 10
Henry J. Bischoff, Clerk First District Police Court—			
Transcript fees in appeal cases			94 50
Wm. F. Link, Clerk Second District Police Court—			
Transcript fees in appeal cases			66 00
James McGovern, Constable 9th District—			
Fees belonging to others			50
J. W. Glassford, Weigher North Levee Scales—			
Fees			1,488 80
Chas. G. Hotchkin, Weigher South Levee Scales—			
Fees			1,899 40
John McManus, Weigher Bridge Scales—			
Fees			4,499 00
August Homann, Weigher City Market Scales—			
Fees			1,553 20
W. D. Bennett, Weigher Thorp Scales—			
Fees			132 00
Edw. E. Guion, Weigher Adreon Scales—			
Fees			212 80
Aug. F. Setzer, Market Master and Weigher Soulard Market Scales—			
Weigher's fees		330 00	
For wagon stands		4 00	
			334 00
Peter Bouchein, Market Master and Weigher South St. Louis Market Scales—			
Fees			122 60
Henry W. Wiegand, Market Master City Market—			
Weigher's fees			169 65
John D. Stevenson, Health Commissioner—			
Permits to cut ice		75 00	
Poor House Bakery—Bread furnished City Institutions		25,407 77	
Poor House Dairy—Milk furnished City Institutions		6,991 51	
City Hospital—Effects of deceased patients		219 48	
Female Hospital—Effects of deceased and discharged patients		3 10	
			33,696 86
H. O. Siegmund, Jailor—			
Transient prisoners		487 00	
Kitchen refuse		77 95	
Amount refunded—being over payment to Mich'l Garrigon on Pay-roll of Jail for Dec., 1886		13 35	
			578 30
J. G. Woerner, Judge Probate Court—			
Jury fees			397 00
Aug. B. Ewing, Ex-Commissioner of Supplies—			
Proceeds of sale of condemned property from the following Departments:			
Assessor and Collector of Water Rates—One bay horse		20 00	
Carondelet Park New Limits—One mower		40 00	
City Hospital—Rags		6 75	
Commissioner of Public Buildings—one buggy		35 00	
Comptroller—one old scale		11 00	
Female Hospital—iron, copper, lead, etc		48 92	

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Fire Alarm Telegraph — old wire		5 00	
Fire Department — three horses & empty sacks		143 75	
House of Refuge — empty flour barrels		18 18	
Insane asylum — sacks and old iron, etc		100 87	
Poor house — rags, iron, sacks, etc		205 83	
Poor house bakery — empty flour barrels		268 02	
Poor house dairy — 4 calves and 10 cows		492 28	
Water commissioner — 1 horse		50 00	
			1,445 10
D. P. Rowland, Commissioner of Supplies —			
Proceeds sale of condemned property from the following departments —			
Auditor's office — 1 stove		10 50	
Commissioner of supplies — 1 buggy		100 00	
Commissioner of Public buildings — 1 mare		75 00	
Fire department — 15 horses and hose		727 49	
Harbor and wharf department — rope		13 65	
House of refuge — empty barrels		34 56	
Poor house bakery — empty flour barrels		520 20	
Poor house dairy — 19 bull calves		114 00	
Sewer commissioner — 1 bay horse		50 00	
Street commissioner — 1 horse		25 00	
Water commissioner — 2 horses		65 25	
Work house — 10 mules and 2 horses		660 00	
			2,425 65
Eugene F. Weigel, Park Commissioner —			
Benton Park — Boat hire	79 50		
Sale of grass	18 00		
		97 50	
Carondelet park N. L. — Sale of grass	66 00		
" Wood	58 25		
		124 25	
Exchange Square — rent		6 00	
Forest Park — sale of grass	276 00		
" wood	36 25		
" trees	7 50		
hauling water for restaurant	1 50		
		321 25	
Gravois Park — Sale of grass		25 00	
Lyon Park — Sale of grass	25 00		
" wood	2 00		
		27 00	
Laclede Park — Sale of grass		10 00	
O'Fallon Park — Sale of grass	41 30		
" wood	134 65		
Privilege herding sheep	10 00		
		185 95	
St. Louis Place — Sale of old iron		1 00	
Washington Square — Damages by G. T. Burdeau	3 50		
" " F. Skrainka	15 00		
		18 50	
			816 45
Robert A. Campbell, Comptroller —			
Laclede Bank — Interest on city's current deposits	20,381 83		
Boatmen's Saving Bank — Interest on city's current deposits	25,352 13		
		45,733 96	
St. Louis Gas Light Co. — Dividend 76 and 77 on city's stock		4,000 00	
Williamsburg City and Mechanics' Insurance Co. — Insurance for loss by fire on colored wards at Female Hospital, Nov. 6, 1886		1,100 00	
G. J. Jansen for material removed from colored wards at Female Hospital, destroyed by fire		115 00	
			50,948 96
D. R. Francis, Mayor, and R. A. Campbell, Comptroller —			
Proceeds of Warrant No. 17; Interest Account, 1886-7, being interest coupons paid out of Redemption of Bonds — "Special Fund" instead of Interest Account		3,693 54	
Unexpended balance of Remittance to National Bank of the Republic, New York, under Voucher No. 32, October 25, 1886		32	
			3,693 86
Board of Fund Commissioner —			
Amount paid for city renewal bond No. 11,455 issued March 25, 1887, under Ord. 13,932 purchased for sinking fund			135,118 36
State of Missouri —			
State appropriation for the support of the indigent insane in St. Louis Insane Asylum belonging outside of St. Louis		25,000 00	

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State's proportion of cost of assessment of revenue, for the year ending Aug., 31, 1886....	31,974 44	
State appropriation for 1885, 1886 for rent of rooms in court house, occupied by the St. Louis Court of Appeals.....	3,200 00	
City's proportion of state appropriation from road and canal fund as received from United States on account of sales of public lands in State of Missouri.....	86 95	
For abstract of tax-books for the year 1886, furnished the State Auditor by the Comptroller....	434 18	
		60,695 57
Bell Telephone Co., of Missouri—		
2½ per cent gross receipts during year ending Dec. 31, 1886, under Ord. 12,724.....	3,550 24	
Overcharge on service contract voucher No. 30, Fire Alarm Telegraph 1886-7 refunded.....	78 38	
Rebate on service contract with Coroner's office and House of Delegates $2.80 each.....	5 60	
		3,634 17
Missouri Pan Electric Telephone Co.—		
2½ per cent of gross receipts during the six months ending June 30, 1886, under Ord. 12,724.		85 49
St. Louis Thomson-Houston Electric Co.—		
2½ per cent of gross receipts during the year ending Dec. 31, 1886, under Ord. 12,723.....		1,573 55
The Brush Electric Association—		
2½ per cent of gross receipts during the year ending Dec. 31, 1886, under Ord. 12,723.....		856 76
Guernsey-Scudder Electric Light Co.—		
2½ per cent of gross receipts during the year ending Dec. 31, 1886, under Ord. 12,723.....		519 00
St. Louis Illuminating Co.—		
2½ per cent of the gross receipts during the 18 months ending Dec. 31, 1886, under Ord. 12,723		171 51
St. Louis Gas, Fuel & Power Co.—		
2½ per cent of gross receipts during the year ending Dec. 31, 1886, under Ord. 11,358.....		365 02
Citizen's Railway Co.—		
Semi-anual payments under Ord. 11,528.....		10,000 00
People's Railway Co.—		
Semi-anual payments under Ord. 11,956.....		3,000 00
St. Louis Railroad Co.—		
Semi-anual payments under Ord. 12,477.....		5,000 00
St. Louis Cable & Western Railway Co.—		
Annual payment under Ord. 12,852, Sec. 5.....		1,000 00
Forest Park, Laclede & Fourth Street Railway Co.—		
3 per cent on gross receipts during the year ending Dec. 31, 1886, under Ord. 12,888.....		2,184 32
Henry Flad, President Board of Public Improvements—		
Bricks sold from old Reservoir.....		87 00
John R. Calhoun—		
Monthly payments under dead animal contract Ord. 12,886.....		199 96
F. W. Rohlfing—		
Voluntary payment for keeping Eva M. Rohlfing at the St. Louis Insane Asylum during the year 1886.....		100 00
Leverett Bell, City Counselor—		
Fees paid by the city in case of Howard v. St. Louis City, collected from plaintiff.....		21 00
John W. Turner, Street Commissioner—		
Amount collected from Water Works Warrant 731. 1886-7 for repairing excavations on reconstructed streets.....		71 10
McCully Stone Mason Co., Contractors—		
Bill from Water Department for repairing damage done to Grand avenue Force Main in constructing the anchor pier for Grand av. bridge		74 80
Wiggins Ferry Co—		
Judgment in favor of the City for rent of wharf (October term, 1886).....		6,696 17
St. Louis Board of School Directors—		
For poll books furnished by Recordor of Voters for School election Oct. 26, 1886.....		806 72
Board of Police Commissioners—		
Board of prisoners collected.....	45 50	
Rag gatherers' badges sold.....	2 40	
For feeding estrays.....	1 50	
Proceeds sale of 3 condemned horses from 5th Police District.....	126 50	
Proceeds of Warrant No. 244 Police, All other Salaries and Current Expenses 1886-87.....	200 00	

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Amount refunded—being over payment to Hub. Slinger on Pay-roll for June, 1886; Police Salaries of chief, etc	5 00	
Amount refunded—being over payment to Chas. Haynes, Pay-rolls for Feb. and March, 1887—Salaries of chief, etc	30 00	
Proceeds of Warrant No. 90, Police, all other Salaries and Current Expenses, 1886-7, in favor of H. Freudenstein & Son.—Voucher being erroneous	5 20	
		416 10
Wm. Glasgow, Jr., Commissioner for School Section 16, Township 45 N., Range 7 E—		
Proceeds from compromises of disputed titles to lands in Sec. 16, Tp. 45, R. 7, under Session Acts 1856 & 1857 and Scheme of Separation, Sec. 37, with M. M. Bulkley	510 48	
" Aug. L. Abbott	748 80	
		1,259 28
Payment by Property Owners to cover Costs of street opening cases—		
R. L. Henry—opening Newstead Avenue, Ord. 13,734	150 00	
Conrad Kellermann—opening Illinois Avenue, Ord. 13,688	100 00	
		250 00
Payments by Property owners towards defraying Expenses of Street Improvements—		
H. L. Cornet & Co., agents—Helen Street, Ord. 13,729	410 00	
C. F. Schultz—Eads Avenue....Ord. 13,735	396 00	
Grant Tilden—Channing Avenue....Ord. 13,737	930 00	
Daniel O'C. Tracy—Fairfax Avenue, Ord. 13,779	100 00	
Thos. Whalen—Spring Avenue, Ord. 13,783	240 00	
		2,076 00
Redemption of Property sole to the City by the City Marshal for non-payments of benefits in Street opening cases—		
Samuel H. Knight—Opening Alley in Block 1717	135 10	
Meyer Bauman, Chas. E. Giraldin, Silas Rosenthal and L. Rosenthal—Opening Lafayette Avenue	32 70	
C. T. Larned's heirs—Opening Eighth Street	73 20	
Carter H. Harrison—Opening Sundry Streets, Ord. 13,839	163 14	
		404 14
Payments of Delinquent old Sewer Special Tax Bills assumed by the City—		
Catherine Hatch	31 01	
Alex. Heinrich	36 57	
Isaac Roesner	36 57	
Catherine Naughton	69 85	
Aug. Meyer	117 85	
Fred. Fisher	207 04	
Eliza A. W. Clymer	189 56	
E. H. Ponath & Co	70 00	
Geo. H. Debus	75 00	
Mary Neurecek	100 00	
F. W. Niedringhaus	379 97	
Mary A. Pette's Trustee	150 00	
Henry Kortjohn	241 89	
		1,705 31
Payments of Costs of Investigating titles to Property taken in Opening Streets—		
James Stewart, opening Cabanne Street	2 50	
Louis Roetger, opening Twenty-sixth Street	2 50	
Chas. G. Bleckert, opening Alley in Block 1865	7 50	
Eulalie Philibert, opening McCausland Road	2 50	
Ella M. Sawyer, opening Cabanne street	2 50	
Robt. L. McLaren, opening Cabanne street	2 50	
Catherine O'Hanlon, opening Easton avenue	2 50	
G. H. Shelp, opening alley in block 3927	2 50	
Geo. Prendergast, opening Easton avenue	5 00	30 00
Contract and other Deposits		544,005 52
Total		$8,572,179 11

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EXPENDITURES.

TREAS. Cr.

By Warrants drawn during Fiscal Year against the following accounts:—			
Abating nuisances on public property and general sanitary measures			9,999 59
Assessment of Revenue			65,919 63
Assessor and Collector of Water Rates			50,505 66
Board of Engineers and Boiler Inspector			5,024 70
Board of Fund Commissioners			20,676 80
Board of Health and Commissioner			37,854 73
Board of Public Improvements, President's Department			20,8 5 55
Catching and killing dogs			6,000 00
Changing Ward boundaries			3,600 00
City Dispensary			17,336 29
City Hall—repairs and alterations			2,423 92
City Hall—salaries and current expenses			11,424 88
City Hospital			75,973 05
City Hospital, improvements, alterations and repairs			1,500 00
Cleaning Levee and removing obstructions			10,322 53
Commissioner Public Buildings			12,005 99
Commissioner of Supplies			11,498 59
Contingent Fund			7,830 74
Contract and other deposits			554,869 29
Coroner			9,573 29
Costs and legal expenses payable from interest and Public Debt revenue			545 80
Costs and legal expenses payable from Municipal revenue			30,526 56
Court House—electric light illumination during Exposition and Fair			350 00
Court House—repairs and alterations			4,795 77
Court House—salaries and current expenses			12,537 65
Courts			80,473 68
Dog Pound			985 00
Election and registration			47,188 58
Female Hospital			53,302 48
Fire Alarm Telegraph			29,877 00
Fire Department			418,194 45
Four Courts building—repairs and alterations			6,706 28
Four Courts building—repairs, alterations and improvements	Ord. 13,821		6,299 96
Four Courts building—repairing and painting	Ord. 13,702		2,099 09
Four Courts building—salaries and current expenses			14,397 08
Fund for numbering houses			5,984 63
Fund for redrawing map			342 00
Gas light			273,339 30
Gasoline lamps—maintaining			12,098 78
Harbor and Wharf—Salaries and current expenses			12,307 58
Harbor Boat			11,158 30
House of Refuge			84,602 40
House of Refuge—furnishing new building	Ord. 13,619		3,862 87
House of Refuge—improvements and repairs			14,923 40
Insane Asylum			81,548 82
Insane Asylum—improvements and repairs			1,500 00
Inspector of Weights and Measures			6,547 58
Insurance			324 75
Interest Account			1,453,475 67
Jail			27,197 04
Jail repairs			9 50
Judgments payable from Interest and Public Debt Revenue			2,686 78
Judgments payable from Municipal Revenue			2,757 58
Jury and Witness Fees			39,696 40
Jury Commissioner			4,024 59
Law Department			9,499 57
Making Back Tax Books and Bills			1,235 63
Markets			10,584 57
Marshal's Office			19,089 71
Mayor's Contingent Fund			10,000 00
Morgue			2,426 48
Municipal Assembly			31,876 09
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer			574 36
Opening Streets—Expenses			12,996 40
Opening Nebraska Street			50 84
Opening alley, block No. 1862	Ord. No. 11,139		26 50
Opening Easton avenue	" 12,941		2,057 80
Opening alley, block No. 1859	" 13,049		33 50
Opening alley, block No. 2341	" 13,096		15 00
Opening alley, block No. 5	" 13,244		1,092 07
Opening alley, block No. 1818	" 13,314		72 50
Opening alley, block No. 1865	" 13,315		240 00

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Opening Martin avenue	"	13,422	125 00
Opening Boyle avenue	"	13,423	608 00
Opening Main street	"	13,424	8,695 60
Opening Oregon avenue	"	13,425	400 00
Opening Lemingwell avenue	"	13,426	127 50
Opening Twenty-sixth street	"	13,428	25 00
Opening alley, block No. 2301	"	13,531	1,158 90
Opening Cabanne street	"	13,558	9,417 75
Opening Bartle avenue	"	13,559	9,051 65
Opening Triangular strip at Lemingwell and Easton avenues and Wash street	"	13,560	2,880 00
Opening Twenty-fourth street	"	13,561	1,944 66
Opening alley, block No. 2346	"	13,573	2,505 00
Opening alley, block No. 3928	"	13,609	1,319 98
Opening right of way for Mill Creek sewer	"	13,610	5,300 00
Opening alley, block No. 1959	"	13,658	1,433 00
Opening alley, block No 2288 N	"	13,659	6,910 75
Opening alley, block No. 1033	"	13,660	532 19
Opening alley, block No. 575 E and 589	"	13,661	125 84
Opening alley, block No. 241	"	13,662	1,852 50
Opening alley, block No. 3927	"	13,663	4,240 00
Opening Vandeventer avenue	"	13,747	2,800 00
Opening McCausland road	"	13,748	13,220 15
Opening Clayton road	"	13,749	783 40
Opening Bartle avenue	"	13,750	4,482 50
Opening Kosciusko street	"	13,751	3,000 00
Opening Magazine street	"	13,752	9,635 00
Opening California avenue	"	13,753	5,917 00
Opening Grand avenue	"	13,754	13,200 00
Opening Ninth street	"	13,755	4,205 00
Opening and widening Chestnut street	"	13,756	4,266 20
Opening alley, block No. 811	"	13,757	482 25
Opening alley, blocks No. 1973, 1974 and 1975	"	13,758	1,561 00
Opening alley, block No. 3662	"	13,774	967 70
Opening alley, block No. 4	"	13,775	3,003 40
Opening alley, block No. 3637	"	13,776	145 00
Opening alley, block No. 3661	"	13,777	234 83
Opening alley, block No. 3666	"	13,778	559 70
Opening alley, block No. 3762	"	13,810	1,916 95
Opening alley, block No. 3750	"	13,811	1,100 58
Park Commissioner			5,246 82
Benton Park			2,572 29
Carondelet Park — New limits			2,810 49
Carr Square			906 00
Forest Park			22,682 42
Gamble Place			801 19
Gravois Park			732 19
Hyde Park			2,415 44
Jackson Place			787 29
Laclede Park			692 58
Lafayette Park			5,040 04
Lyon Park			1,056 70
O'Fallon Park			2,716 45
St. Louis Place			2,107 42
South St. Louis Square			351 34
Tower Grove Park			25,000 00
Washington Square			1,050 25
Police — Salaries of chief, captains, sergeants, patrolmen and detectives			483,443 90
Police — All other salaries and current expenses			78,914 05
Police — Erection of new stables on Laclede avenue			2,500 00
Police — Purchase of lot for station house in 4th district			3,500 00
Poor House			71,392 81
Poor House Bakery			23,131 32
Poor House Dairy			7,144 36
Printing and stationery for mayor, comptroller, auditor, register and treasurer			7,314 52
Purchase of real estate and erection of public buildings			1,000 00
Quarantine and Small-pox Hospital			4,855 49
Real estate account			5,743 11
Recorder of Deeds			27,483 79
Redemption of bonds			325,000 00
Redemption of bonds — Special fund			710,621 79
Relief of James A. Larkin, Ord. 13,703			211 13
Relief of Henry Ames & Co., Ord. 13,813			269 50
Relief of Charles H. Groby, Ord. 13,818			500 00
Relief of Anton Vert, Ord. 13,819			153 00
Removal of garbage			18,933 29
Repairs of dykes, wharf and river bank			25,594 94
Salaries for mayor, comptroller, auditor, register and treasurer			52,506 07
Scales			6,736 41
Scavenger dumps — Construction and repairs			767 54
Scavenger dumps — Salaries and current expenses			6,961 75

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Section 16, township 45 n. range 7 e. Ord. 11,602	1,259 28	
Sewer — contract account	101,683 93	
Sewers — Salaries, current expenses and repairs	41,859 58	
Street and alley — contract account	44,652 12	
Street bridges and culverts — Contract account	117,683 43	
Street bridges and culverts — Miscellaneous and repairs	23,137 22	
Street cleaning — Floating dumps	6,918 50	
Street cleaning — Floating dumps construction	5,065 75	
Street cleaning — Labor and carts	119,713 98	
Street cleaning — Stone and wood blocks and asphaltum pavements	44,507 86	
Street commissioner's department	44,895 30	
Street grades and surveys	5,993 67	
Street reconstruction — Contract account	18,264 12	
Street reconstruction — Special taxes against city property	23,821 51	
Street repairs — Macadam and other material	143,166 85	
Street repairs — Miscellaneous expenses	93,085 65	
Street repairs — Reconstructed streets	13,852 01	
Street repairs — Salaries	18,309 45	
Streets — Special service	8,988 78	
Water pipe — Contract account	161,480 57	
Water Works	243,827 00	
Water Works — Special tax against reservoir property	1,376 97	
Water Works extension — High service engine No. 5	49,949 01	
Water Works extension — No. 4 pump main	848 51	
Water Works extension — Salaries and expenses	8,398 10	
Water Works extension — Stand pipe and tower	17,140 19	
Witness and other fees — Special fund	270 45	
Work House	49,313 87	
Total		$7,205,352 77
Balance in treasury April 18, 1886	1,851,052 76	
Total amount of receipts into the treasury during fiscal year	6,721,126 35	
Amount of warrants remaining unpaid April 11, 1887	116,142 79	
		8,688,321 90
Total amount of warrants drawn during fiscal year	7,205,352 77	
Amount of warrants remaining unpaid April 11, 1887	60,931 49	
		7,266,284 26
Balance in treasury April 11, 1887		1,422,037 64

DETAILED STATEMENT OF EXPENDITURES.

Abating Nuisances on Public Property and General Sanitary Measures —		
Pipe, drain boxes and hauling	$1,357 51	
Copperas	355 02	
Tools, implements, nails, etc	169 05	
Lumber, lime, cement and stone	94 56	
Rubber boots and repairs	74 65	
Tent	8 60	
Lanterns, oil, wick, powder and fuse	17 80	
Coal	174 26	
Steam pump and repairs	287 50	
Horse board and hire	250 80	
Horse shoing and veterinary services	30 25	
Wagon repairs	62 18	
Harness repairs	42 70	
Draining — Block No. 2014	93 84	
Pay-rolls — Laborers opening drains, ditches, etc	6,980 85	
		$9,999 59
Assessment of Revenue —		
Printing and stationery	$2,919 19	
Office furniture, repairs, etc	92 40	
Carpets, rugs and cleaning	82 25	
Pay-rolls — Board of Equalization	672 00	
District Assessors	16,200 00	
President and employees	45,431 25	
Temporary clerks in Comptroller's Office	572 54	
		65,919 63
Assessor and Collector of Water Rates —		
Printing and Stationery	1,086 62	
Car tickets	780 00	
Postage	240 00	
Furniture, carpets, stoves and repairs	647 00	
Hardware, locksmithing tools and repairs	195 83	
Coal	11 96	
Soap, matches, brooms, brushes, washing towels, etc	73 00	
Telephone	105 61	
Horses	350 00	

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Horse board and hire	875 52	
Horseshoeing	65 75	
Veterinary services and medicines	68 25	
Harness and repairs	23 20	
Wagon and buggy repairs	271 60	
Pay-rolls	45,716 32	
		50,505 66
Board of Engineers and Boiler Inspector—		
Printing and stationery	$102 65	
Furniture and gauge repairs	16 90	
Horse	150 00	
Horse board	569 50	
Horse shoing	55 50	
Veterinary services	5 00	
Harness repairs	14 65	
Wagon repairs	94 50	
Pay rolls	4,016 00	
		5,024 70
Board of Fund Commissioners —		
For sinking Fund appropriation under sec. 2, art. 4, charter—current and previous year	$20,000 00	
½ proceeds of real estate—previous year	676 80	
		20,676 80
Board of Health and Commissioner—		
Printing and stationery	1,880 97	
Postage	179 50	
Car tickets	390 00	
Bridge tickets	39 00	
Furniture, fixtures, repairs and sign	113 45	
Stove cleaning, repairing, etc	27 50	
Brooms, buckets, brushes, matches, soap, etc	550 03	
Towels and washing	15 66	
Telephone	25 00	
Clay pipe, nails, locksmithing, etc	39 80	
Awnings	15 00	
Gas	33 75	
Coal	11 25	
Lumber	4 44	
Sulphuric acid, chloride lime, copperas, etc	734 27	
Vaccine virus	263 88	
Atomizers	2 25	
Analyzing cistern water	15 00	
Expenses members board attending Health Assn. Convention at Toronto, Canada	47 85	
Rent of rooms for offices	410 00	
Rent of rooms for care and nursing diphtheria patients	687 08	
Horse board	339 54	
Hire of horses, wagons, etc	1,153 50	
Horseshoeing	118 75	
Veterinary services	21 25	
Harness repairs	108 05	
Vehicle repairs	331 50	
Pay-rolls	29,846 46	
		37,854 73
Board of Public Improvements, President's Department—		
Publishing proceedings	1,258 28	
Printing and stationery	538 33	
Postage	35 00	
Drafting material and instruments	215 48	
Furniture, fixtures and repairs	203 06	
Pay-rolls	18,585 40	
		20,835 55
Catching and Killing Dogs —		
Catching, impounding and killing dogs		6,000 00
Changing Ward Boundaries —		
Pay-roll of commissioners		3,600 00
City Dispensary —		
Charity prescriptions	1,685 00	
Drugs	452 92	
Trusses	54 00	
Printing and stationery	154 95	
Matches, soap, brooms, dusters, hardware	103 97	
Ice	39 71	
Telephone rent	25 00	
Washing towels	7 50	
Horse board	2,966 88	
Forage	206 33	
Horseshoeing	459 50	
Veterinary services	195 25	
Buggy robe, harness and repairs	232 35	
Vehicle repairs	610 15	
Repairing shed for ambulance teams at City Hall	4 50	
Pay-rolls—Physician, Assistant, etc	10,129 28	
Laborers handling sun-stroke patients	9 00	
		17,336 29

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City Hall, Repairs and Alterations —		
Carpenter repairs	498 16	
Painting, glazing, papering, etc.	908 85	
Plumbing and gas fitting	704 16	
Whitening and plastering	68 50	
Locksmithing	35 10	
Roofing, guttering and downspouts	124 90	
Ventilators and stove pipe	84 75	
		2,423 92
City Hall, Salaries and Current Expenses —		
Ice	656 80	
Fuel	1,483 94	
Gas	1,648 65	
Electric light furnished Recorder of Voters office	125 99	
Signal service — night watch	67 20	
Synchronizing clock, Mayor's office	36 00	
Telephone	107 78	
Brooms, buckets, brushes, soap, matches, toilet paper, etc.	339 53	
Towels and washing	296 97	
Hauling rubbish	89 08	
Stoves, repairing tinware, etc	29 35	
Awnings and repairs	203 01	
Climbing flagstaff and putting new rope in pulley	17 40	
Clock repairs	12 00	
Street sprinkling	256 50	
Pay-rolls — Janitor, assistants, etc.	6,044 68	
		11,424 88
City Hospital —		
Bread	2,910 97	
Meat and fish	9,743 83	
Groceries, provisions, poultry, vegetables	11,371 54	
Milk	2,800 48	
Ice	952 19	
Drugs, medicines, surgical instruments and supplies	5,064 54	
Dry Goods, clothing, notions, etc	1,716 01	
Slippers	312 25	
Straw	196 20	
Furniture, oil cloth, carpets	360 98	
Glassware, queensware, etc	150 54	
Stoves, hardware, kitchen utensils, brushes, rope, etc	525 88	
Fuel	3,381 41	
Gas	1,751 10	
Engineer's Supplies	127 59	
Printing and stationery	593 24	
Forage	611 69	
Horse shoeing	26 50	
Harness repairs	7 50	
Plants and seeds	68 10	
Sprinkling	55 00	
Car tickets	30 00	
Telephone	40 00	
Inspecting scales	6 00	
Repairing battery	15 50	
Gas Regulator	155 00	
Hose and couplings	239 93	
Oils, paints, painting	202 32	
Lime, sand, cement, sewer pipe	39 00	
Lumber	373 43	
Plumbing, gas and steam-pipe fitting	69 30	
Awnings	37 60	
Repairing porches in rear of building	1,618 87	
New water closets	1,412 90	
New boilers	4,556 10	
Addition to boiler house	280 00	
Fire pit and sewer connections	86 62	
Pay-rolls	24,082 94	
		75,973 05
City Hospital, Improvements, Alterations and Repairs —		
New water closets		1,500 00
Cleaning Levee and removing obstructions —		
Barge hire	492 00	
Dredging river at foot of Biddle street	3,100 00	
Pay-rolls — Laborers removing obstructions	21 37	
Laborers cleaning levee	6,709 16	
		10,322 53
Commissioner of Public Buildings —		
Printing and stationery	221 33	
Carpets, linoleum, etc	40 50	
Furniture, fixtures, repairs, etc	196 32	
Horse	165 00	
Horse board and hire	637 58	
Horse shoeing, medical attendance and clipping	96 10	
Harness and repairs	51 70	
Buggy and repairs	291 05	
Pay-rolls	10,306 41	
		12,005 99

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Commissioner of Supplies —		
Printing and stationery	868 93	
Advertising	901 53	
Postage	75 25	
Furniture, fixtures, repairs, etc	125 83	
Horse board and hire	216 00	
Horseshoeing	33 75	
Harness and repairs	38 50	
Buggy and repairs	239 00	
Pay-rolls	9,499 80	
		11,498 59
Contingent Fund —		
Water, coal, gas and special tax bills -- N. G. Armory	1,638 06	
Care of foundlings in St. Ann's Asylum	648 72	
Humane society — ½ fines collected in police courts for cruelty to animals	235 50	
Costs of tearing down condemned buildings, advanced by city	145 25	
Safe deposit rent for Board of Fund Commissioners	46 00	
Committee of experts examining accounts of city officers	1,500 00	
Notarial acknowledgments, relative insurance	2 00	
Ord. 13,628 — Compensation for diseased horses sold by city	165 00	
Ord. 13,873 — Salary of George Dennison during suspension from office	3,250 21	
Ord. 13,956 — Damages inflicted by Fire Department vehicle	200 00	
		7,880 74
Contract and other Deposits —		
Deposits refunded during year		554,869 29
Coroner —		
Post-mortems	315 00	
Stenographer's fees	1,327 40	
Witnesses and interpreters	118 20	
Jurors	107 50	
Recovering bodies	64 50	
Coffins and burials	197 75	
Printing and stationery	148 25	
Furniture, gas-fixtures, etc	145 75	
Carpets, mats and cleaning	115 12	
Telephone	108 88	
Horse board, hire and pasturing	351 27	
Horseshoeing and veterinary services	25 00	
Harness and repairs	36 75	
Buggy repairs	22 00	
Pay-rolls	6,499 92	
		9,573 29
Costs and Legal Expenses Payable from Interest and Public Debt Revenue —		
Costs in various cases in which city was defendant	189 35	
" " " " " " " " plaintiff	28 85	
Printing briefs	114 70	
Transcripts and filing fees	86 40	
Examining title to lot in block No. 1697	25 00	
Copy of deeds, plats, etc., and recording notice of suit	101 50	
		545 80
Cost and Legal Expenses Payable from Municipal Revenue —		
Fee bills -- Misdemeanor cases — Court of Criminal Correction	18,427 75	
Fee bills — Misdemeanor cases — Criminal Court	8,363 05	
Costs in various cases in which the city was defendant	822 85	
" " " " " " " " plaintiff	912 60	
Printing briefs, petitions, etc., in various cases	625 75	
Meals for jurors — Criminal Court	13 50	
Examination of titles to real estate	141 00	
Publishing notice — change of grade of Laclede ave	3 91	
Reporting evidence and transcripts	609 90	
Expenses making survey and map of Gabaret Island	320 70	
Travelling expenses of City Counselor, etc	260 45	
Copy of dockets, opinions, etc	25 10	
		30,526 56
Court House, Electric Light Illumination during Exposition and Fair —		
Furnishing lamps and light		350 00
Court House — Repairs and Alterations —		
Judges and clerks desks and jury box	1,000 00	
Carpenter and general repairs	650 72	
Painting, glazing, plastering, papering, etc	845 55	
Plumbing, gas and steam pipe fitting	1,845 78	
Repairing brick work around boiler	43 25	
Tile flooring	14 60	
Locksmithing, etc	72 65	
Ventilators	65 20	
Roofing, guttering and downspouts	258 07	
		4,795 77

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Court House, Salaries and Current Expenses —			
Ice		409 89	
Fuel		1,244 46	
Gas		2,899 80	
Telephone		177 78	
Brooms, brushes, buckets, soap, matches, etc		393 92	
Furniture repairs, har ware, tinware, tools		44 10	
Towels and washing		259 46	
Flags, awnings and repairs		90 21	
Hauling rubbish		211 68	
Shovelling coal		206 69	
Paints, oil, lime, cement		89 96	
Planting trees around Court House		3 00	
Anticepticon and urinal tables		46 90	
Sprinkling streets		225 00	
Pay-rolls		6,304 80	
			12,587 65
Courts —			
Probate — Printing and stationery	707 90		
Carpets, linoleum, rugs, mats, etc	129 20		
Furniture and repairs	46 35		
Painting and varnishing tin boxes, etc	29 65		
Sheriff's services	574 20		
		1,487 30	
Circuit — Printing and stationery	3,679 72		
Furniture, fixtures and repairs	1,062 56		
Carpets, Linoleum and cleaning	482 20		
Tin document boxes and lettering	236 00		
Repairing safe door and lock	11 50		
Repairing tiling	6 00		
Sheriff's services	4,672 80		
Pay-roll — Janitors	3,000 00		
Judges	17,336 83		
		30,477 61	
Criminal — Printing and stationery	1,178 40		
Furniture, fixtures and repairs	408 15		
Carpets, linoleum and cleaning	425 32		
Telephone	110 00		
Painting signs	53 05		
Clerk's services	752 95		
Sheriff's services	2,265 85		
Pay-rolls — Judge, Circuit Att'y, ass't & clerk	13,000 00		
		18,193 22	
Court of Criminal Correction — Furniture, fixtures and repairs	148 60		
Printing and stationery	1,424 25		
Carpet cleaning and repairing	112 10		
Painting signs	83 55		
Stove, etc	21 05		
Sheriff's services	1,325 30		
Pay-rolls — Judge, prosecuting attorney and assistant	9,999 84		
		13,114 69	
First District Police Court — Furniture, fixtures and repairs	88 00		
Printing and stationery	229 45		
Cleaning and repairing carpets	76 70		
Pay-rolls — Justice, city attorney and clerk	7,099 92		
		7,494 07	
Second District Police Court — Rent of rooms	797 50		
Printing and stationery	267 36		
Furniture, fixtures and repairs	124 25		
Platforms, benches, prisoners' dock, etc	320 90		
Carpet and matting	47 85		
Papering	49 87		
Locksmithing and plumbing	14 10		
Towels and washing and hauling ashes	21 80		
Ice	18 39		
Fuel	66 58		
Brooms, dusters, mops, sponges, etc	55 11		
Stoves, repairing, cleaning, etc	78 05		
Street sprinkling	24 00		
Pay-rolls — Justice, attorney and clerk	5,220 33		
Janitor	660 00		
		7,766 09	
South St. Louis Police Court —			
Fuel	20 70		
Cleaning court rooms during year	120 00		
Pay-rolls — Justice, attorney and clerk	1,800 00	1,940 70	
			80,473 68
Dog Pound —			
Erecting dog pound			965 00
Election and Registration —			
Printing and binding poll books		10,881 30	
Advertising and bill posting		1.167 00	

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Printing and stationery	1,726 62	
Furniture, fixtures, repairs, etc	259 41	
Stove, repairing, cleaning, etc	69 40	
Putting up incandescent lamps	42 00	
Numbering ballot boxes	18 00	
Locating polling places and delivering ballot boxes	195 00	
Rent of polling places	1,215 00	
Rent of Registration offices	699 50	
Pay rolls — Board of Revision	2,016 00	
Judges and clerks of election	8,616 00	
Recorder, deputies and clerks	20,283 35	
		47,188 58
Female Hospital —		
Bread	1,767 23	
Meat and fish	4,876 27	
Groceries, provisions, poultry, vegetables	7,204 46	
Milk	3,275 75	
Ice	574 24	
Beer and Whisky	238 89	
Drugs, medicines, surgical instruments and supplies	3,336 62	
Dry goods, notions, clothing, etc	1,776 20	
Slippers	210 00	
Furniture, carpets	206 15	
Glassware, China	53 46	
Stoves, hardware, kitchen utensils, brushes	622 64	
Fuel	4,032 92	
Gas	1,279 20	
Engineer's supplies	118 93	
Printing and stationery	204 60	
Forage	361 04	
Horseshoeing and veterinary services	48 00	
Harness	22 10	
Vehicle repairs	30 20	
Seeds	22 35	
Telephone	25 00	
Inspecting scales	4 50	
Repairing battery	41 80	
Gas regulator	100 00	
Repairing and cleaning boilers	55 40	
Oils, paints, painting, glazing	135 71	
Lime, sand, cement	26 00	
Lumber	480 05	
Plumbing, gas and steam pipe fitting	1,225 66	
Roof repairs	97 64	
Tearing down smoke stacks and connecting N. E. wing	4,776 90	
Pay-roll	16,072 57	
		53,302 48
Fire Alarm Telegraph —		
Fire alarm boxes and tappers	2,105 00	
Keyless doors	2,250 00	
Telegraph poles	563 71	
Painting poles	994 47	
Cross arms, cleats, etc	99 55	
Wire	1,048 05	
Porous cups and zincs	331 00	
Reducers and insulators	189 00	
Switch board and instruments	1,500 00	
Telephone rent	646 62	
Cross arms rent	10 20	
Correct time furnished by Washington University	100 00	
Repairing alarm boxes, bells, bell strikers, apparatus and instruments	1,997 40	
Drugs, chemicals, dusters, sponges, chamois	252 52	
Table and desk for instruments, chairs, etc	140 50	
Glass, painting, shelving	29 35	
Lumber	50 58	
Hardware, tools, fixtures, etc	129 14	
Charcoal	8 10	
Printing and stationery	56 05	
Bedding and washing	25 30	
Freight and express charges	3 55	
Horse board and hire	1,084 00	
Horseshoeing and clipping	107 00	
Veterinary services	32 50	
Horse blankets and harness repairs	61 90	
Vehicle repairs	414 25	
Bell tower and repairs	491 55	
Pay-roll — Superintendent, operators, etc	13,967 71	
Laborers building new lines	1,188 00	
		29,877 00
Fire Department —		
Engine	4,500 00	
Hose carriages	2,595 00	

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Hook and ladder truck	1,449 00	
Fire extinguishers	78 50	
Hose, couplings, nozzles	8,814 20	
Horses	6,500 00	
Forage and pasturage	15,672 40	
Horseshoeing	4,393 85	
Veterinary services	1,200 00	
Harness and repairs and horse blankets	2,441 50	
Repairs to engines, reels, trucks and wagons	13,766 51	
Hardware, stoves, tools, lamps and repairing	750 80	
Drugs, soap, sponges, brooms, mops, oils, wicks	2,581 32	
Furniture, bed clothes, carpets, awnings	743 79	
Printing and stationery	293 24	
Office and ground rent	197 50	
Freight and express charges	4 09	
Damages done by department vehicles while answering alarms	61 55	
Ice	433 27	
Fuel	4,473 71	
Gas	5,490 15	
Calcium light	36 00	
General repairs of building	1,929 68	
Lumber	2,847 42	
Lime, sand, cement	111 15	
Painting, whitening, plastering, glazing	1,309 61	
Plumbing and gasfitting	1,060 16	
Roofing, guttering, downspouts	850 45	
Steam heating apparatus for engine house No. 12	750 00	
Sidewalk in front of engine house No 14	78 00	
Cleaning vaults	22 50	
Pay-roll	332,754 10	
		418,194 45
Four Courts Building, Repairing and Painting Ord. 13702—		
Painting exterior of building	1,855 59	
Repairing stone work	243 50	
		2,099 09
Four Courts Building, Repairs, Alterations and Improvements, Ord. 13821—		
Heating apparatus, boiler and repairs	5,985 27	
Brick, carpenter and iron work around boilers	230 59	
Skylight over engine room	134 10	
		6,299 96
Four Courts Building — Repairs and Alterations —		
Plumbing, gas and steam pipe fitting	1,123 67	
Roofing and guttering	1,726 17	
Carpenter and brickwork	1,080 42	
Painting, papering and glazing	985 89	
Whitening and plastering	306 50	
Locksmithing	69 15	
Doorsprings	23 50	
Protector around steam coils	58 50	
Lightning rod	110 00	
Patent skylight roof boiler room	134 58	
Stone front steps	160 12	
Altering west wing of basement for police purposes	928 28	
		6,706 28
Four Courts Building — Salaries and Current Expenses —		
Ice	433 51	
Fuel	2,759 40	
Gas	1,153 20	
Brooms, brushes, buckets, matches, soap	287 85	
Paints, varnish, oil, etc	63 11	
Hose and couplings	214 00	
Hardware, tools, stoves and repairs	44 65	
Flag, awnings, and repairs	93 62	
Towels and washing	329 99	
Hauling rubbish	297 50	
Cleaning boiler	7 00	
Signal service, night watch	67 20	
Climbing flag staff and reeving new rope	40 00	
Sprinkling streets	517 50	
Pay-rolls — Janitor, assistants, engineer, etc	8,088 55	
		14,397 06
Fund for Numbering Houses —		
Printing and stationery	33 50	
Drafting material and instruments	92 48	
Paints, oils, etc	15 48	
Tin plates, nails and twine	14 35	
Horse	150 00	
Horse board	108 00	
Harness and repairs	49 00	
Wagon and repairs	105 15	
Street car tickets	35 00	
Pay-rolls	5,381 67	
		5,984 63

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Fund for Redrawing Map—		
Pay rolls		342 00
Gas Light—		
Gas furnished street lamps by St. Louis Gas Light Co.	122,906 59	
" " " " " Laclede Gas Light Co.	102,532 40	
" " " " " Carondelet Gas Light Co.	19,212 45	
Cleaning, lighting and extinguishing by Laclede Gas Light Co.	23,986 07	
Cleaning, lighting and extinguishing by Carondelet Gas Light Co.	4,489 68	
Removing lamps to other locations	36 74	
Time cards for lighting and extinguishing	72 00	
Printing and stationery	17 32	
Photometer	40 00	
Dusters, mops, soap, candles, etc.	29 10	
Ice	3 60	
Coal	13 36	
Room rent gas inspector	300 00	
Salary of gas inspector	249 99	
		273,839 30
Gasoline Lamps Maintaining—		
Filling, cleaning, lighting and extinguishing		12,098 78
Harbor and Wharf—Salaries and Current Expenses—		
Printing and stationery	116 81	
Document boxes	49 90	
Instruments for surveying and repairs to same	12 75	
Telephone	21 66	
Furniture, fixtures and repairs	30 25	
Rent of Levee office	240 00	
Ice at " "	7 91	
Fuel at " "	15 04	
Washing towels, soap, etc., at Levee office	7 29	
Pay-rolls—Commissioner, assistant deputies, etc.	10,169 88	
Laborers assisting engineer surveying, etc.	1,647 17	
		12,307 58
Harbor Boat—		
Fuel	2,460 78	
Hose couplings and repairs	15 49	
Log book and frames for license and rules	6 85	
Repairing machinery	548 33	
Repairing boilers, furnace, etc.	234 20	
Caulking and repairing guards	87 75	
Lumber, wheel-arms and repairing spar	252 53	
Oil, packing, wick, sponges, etc.	237 65	
Duck	135 19	
Stoves, tin and sheet iron repairs	375 03	
Rope, marline, twine, snatch-blocks, etc.	166 72	
Paints, oils, varnish and lettering	149 20	
Rubber boots	19 26	
Hardware, tools and repairs	38 48	
Cleaning boilers	72 00	
Ice	23 87	
Groceries for crew while protecting fleet from ice	61 65	
Life-preservers	5 40	
Insurance	96 55	
Hauling boat off bank	10 00	
Pay-roll—Crew	5,777 87	
Laborers	384 00	
		11,158 30
House of Refuge—		
Meat and fish	3,758 75	
Groceries, provisions, etc.	5,843 16	
Yeast	74 10	
Milk	730 02	
Ice	240 44	
Drugs	158 20	
Medical services	300 00	
Dry goods, notions, clothing and caps	2,438 45	
Shoes and findings	1,011 22	
Bedding	86 04	
Overwork and Rewards	408 95	
Furniture, curtains, cleaning carpets	278 68	
Sewing machine and repairs	70 50	
China, glassware, queensware	31 64	
Hardware, ranges, repairs, brushes, baskets	634 67	
Carriages and flowers for Easter festival	37 50	
Fuel	1,693 55	
Gas	955 15	
Printing and stationery	128 79	
Car tickets	7 60	
Inspecting scales	2 00	
Arrest and return of escaped convicts	3 00	
Agricultural implements	67 00	
Awning repairs	28 30	

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Seeds, plants, sodding, repairing roads, etc.	104 65	
Forage	348 42	
Horseshoeing and blacksmithing	131 65	
Horse blankets and harness repairs	41 60	
Vehicle repairs	75 25	
Lumber	262 91	
Sand, lime, cement	18 50	
Plumbing, gas and steam pipe fitting	143 31	
Painting, glazing, whitening	52 27	
Gutters and downspouts	16 55	
Furnace	250 00	
Repairing pumps and machinery, belting, waste, etc.	130 78	
Pay-rolls	14,038 80	
		34,602 40
House of Refuge — Furnishing new building, Ord. 13,619 —		
Furniture	1,552 62	
Sheeting, table linen and bedding	1,024 70	
Linoleum	422 00	
China and table ware	222 55	
Range and cooking utensils	199 25	
Ice chest	172 00	
Gas fixtures	269 75	
		3,862 87
House of Refuge — Improvements and Repairs —		
Roofing, guttering, downspouts	346 59	
Galvanized iron work on cornice	388 00	
Window guards	564 25	
Ventilators, shelving and electric bells	76 00	
Papering, plastering, painting, glazing	953 63	
Door frames and carpenter work	1,580 96	
Widening roadway, grading yards and laying sewer pipe	2,350 97	
New walls and rebuilding old walls, brickwork	2,388 02	
Masonry, underpinning walls, etc.	1,516 95	
Plumbing, gas and steam pipe fitting	2,465 26	
Covering steam pipes	231 20	
Pumps	385 10	
Boilers	966 47	
Cut stone work	715 00	
		14,923 40
Insane Asylum —		
Bread	6,014 00	
Meat and fish	12,144 24	
Groceries, provisions, poultry, vegetables	10,903 69	
Milk	2,767 50	
Ice	654 40	
Beer	115 50	
Drugs, medicines, surgical instruments and supplies	817 16	
Dry goods, notions, hats, clothing, etc.	3,577 46	
Shoes and slippers	623 39	
Straw and Moss	455 49	
Furniture and carpets	1,522 44	
Glassware and china	166 82	
Stoves, hardware, kitchen utensils, brushes	698 03	
Fuel	6,154 97	
Gas	1,276 05	
Engineer's supplies	110 23	
Printing and stationery	235 19	
Forage	192 85	
Horseshoeing	72 00	
Harness repairs	13 00	
Vehicle repairs	49 75	
Seeds	35 20	
Street car tickets	25 00	
Telephone	25 00	
Inspecting scales	5 25	
Repairing battery and electric bells	57 25	
Gas regulator	145 00	
Hose couplings, etc.	195 61	
Wire screen	6 50	
General building repairs	23 60	
Oils, paints, painting, glazing, etc.	111 79	
Lime, sand, cement, brick	115 00	
Lumber	98 56	
Plumbing, gas and steam-pipe fitting	1,085 82	
Boiler and furnace repairs	765 47	
Roofing, guttering, downspouts	691 83	
Pay-rolls	29,798 28	
		81,543 82
Insane Asylum — Improvements and Repairs —		
New water closets		1,500 00
Inspector of Weights and Measures —		
Printing and stationery	58 15	
Steel stamps, measures, tools, etc.	43 80	
Water cooler and taking down and putting up stove	13 50	

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Carpet and linoleum	32 51	
Pay-rolls	6,899 62	
		6,547 58
Insurance —		
Boilers, machinery, etc., at Insane Asylum	80 00	
New House of Refuge	18 75	
Frame Hospital at Quarantine	57 00	
Work House, prison building	25 00	
Horses, vehicles and harness in L. C. Bohle's stables	144 00	
		324 75
Interest Account —		
Remittances to National Bank of Commerce, N. Y., to pay coupons maturing	816,500 00	
Remittances to National Bank of the Republic, N. Y., to pay coupons maturing	371,000 00	
Remittances to J. S. Morgan & Co., London, England, to pay coupons maturing	11,847 90	
Coupons paid at City treasury	136,060 00	
Coupons maturing in the hands of fund commissioners	114,820 00	
Accrued interest on bonds purchased under....Ord. 13,492	3,693 54	
Engraving and lithographing bond and coupons	35 00	
Express charges, telegrams, etc	19 23	
		1,453,475 67
Jail —		
Bread	2,726 88	
Meat and fish	5,732 05	
Groceries, provisions, etc	1,748 15	
Milk	82 57	
Ice	275 90	
Vegetables	449 13	
Drugs, medicines	765 69	
Thread and needles	11 30	
Bedding	18 18	
House furnishing goods, range repairs and kitchen utensils	181 09	
Furniture repairs, cleaning carpets	10 00	
Hose	80 00	
Gas	1,998 90	
Sawdust and hauling garbage	41 50	
Printing and stationery	44 85	
Iron door and cell repairs	316 35	
Roofing, guttering, downspouts	225 15	
Plumbing	385 25	
Brickwork, plastering, whitening, glazing	53 40	
Carpenter work	75 54	
Iron linings on floor and walls of kitchen	50 20	
Mileage advanced discharged U. S. Prisoners	15 00	
Pay-rolls	11,969 96	
		27,197 04
Jail Repairs —		
Plumbing		9 50
Judgments payable from Interest and Public Debt Revenue —		
Mary B. Mitchell *vs.* City — Damages to real estate by 12th Street bridge		2,686 78
Judgments payable from Municipal Revenue —		
Rush Carrington *vs.* City — Damages caused by falling into cellar opening at Angelica street police station	2,365 00	
Elizabeth Dies *vs.* City — Son thrown from wagon and killed owing to defect in street on 4th and Almond streets	390 00	
N. De V. Howard *vs.* City — Salary as superintendent of insane asylum, February, March and April, 1877	87 58	
M. & J. Roth et. al. *vs.* Meyer et. al. — Damages for filling well	5 00	
		2,757 58
Jury and Witness Fees —		
Certificates issued by Circuit Court	23,040 80	
" " Criminal Court	13,264 60	
" " Court of criminal correction	2,751 00	
" " Probate court	469 50	
" " Police court	171 00	
		39,696 40
Jury Commissioner —		
Advertising notices	46 80	
Printing and stationery	42 33	
Furniture	51 50	
Pay-rolls	3,883 96	
		4,024 59
Law Department —		
Printing and stationery	88 02	
Postage	75 00	
Law books and copies of opinions	458 33	
Subscription to New England and Western Reporter	17 20	
Recording documents	7 00	
Carpets and cleaning, furniture and repairs	154 02	
Pay-rolls	8,700 80	
		9,499 57

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Making Back Tax Books and Bills —			
Back tax books for 1885 and 1886			1,235,63
Markets —			
City — Gas	179 55		
Coal	18 25		
Ice	2 48		
Brooms	3 75		
Glazing	8 70		
Plumbing	109 72		
Repairing and inspecting scales	19 25		
Street sprinkling	260 00		
Pay-rolls	2,249 84		
		2,846 54	
Soulard — Gas	48 65		
Hose and repairing hose reel	23 50		
Brooms	4 00		
Glazing	19 20		
Repairing roof	62 52		
Oak corner posts	3 00		
Brick and plastering	28 00		
Inspecting scales	1 00		
Spreading macadam	49 00		
Street sprinkling	83 25		
Pay-rolls	1,319 92		
		1,537 04	
South St. Louis — Gas	19 08		
Coal	9 90		
Brooms	2 25		
Glazing, carpenter and brickwork	23 21		
Repairing gutters and stovepipe	14 70		
Rolling macadam	1 87		
Street sprinkling	70 00		
Pay-rolls	1,219 92		
		1,361 02	
Union — Gas	1,020 30		
Hose and couplings	42 75		
Brooms and matches	24 75		
Stoves, fixtures, etc	124 00		
Glazing	11 65		
Sand	2 00		
Plumbing	251 78		
Repairing iron columns and tin roof	36 30		
Street sprinkling	280 00		
Pay-rolls	2,999 64		
		4,793 12	
General use — Advertising sale of stands	39 10		
Stationery	7 75		
		46 85	
			10,584 57
Marshal's Office —			
Printing and stationery		200 54	
Furniture repairs		2 00	
Telephone		18 75	
Horse		150 00	
Horse board and hire		213 46	
Horseshoeing and veterinary services		35 80	
Harness and vehicle repairs		69 20	
Pay-rolls		18,399 96	
			19,089 71
Mayor's Contingent Fund —			
Drawn on requisitions			10,000 00
Morgue —			
Ice		120 85	
Coal		25 06	
Gas		46 65	
Printing and stationery		10 00	
Furniture repairs and stove		29 15	
Painting, glazing, whitening, papering		134 50	
Plumbing and gasfitting		57 46	
Carpenter work and repairs to roof		51 00	
Brooms, brushes, buckets, soap, mops, etc		40 10	
Towels, bedding, awning and washing		19 96	
Hauling dead bodies to morgue		388 75	
Hauling ashes		3 00	
Pay-rolls		1,500 00	
			2,426 48
Municipal Assembly —			
Council — Publishing proceedings	2,065 46		
Printing and stationery	918 51		
Binding journals, ordinances, etc	29 45		
Furniture, fixtures and repairs	52 80		
Cleaning room, carpets, stove	126 94		
Lunch, etc., for members night of June 29, 1886	17 50		
Enrolling council bill No. 40	25 00		

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Reporting proceedings committee on Water Works extension	29 00		
Revision of ordinances	2,000 00		
Carriage hire	245 00		
Pay-rolls — Members	3,877 50		
Employees	4,215 00		
		13,602 16	
House of Delegates — Publishing proceedings	1,725 57		
Printing and stationery	226 82		
Binding journals, ordinances, etc	185 00		
Telephone	103 06		
Caligraph and repairs	102 45		
Furniture, fixtures and repairs	388 25		
Carpets and cleaning	433 98		
Stoves, cleaning, etc	32 25		
Document boxes	95 85		
Dusters, sponges, chamois, etc	17 90		
Stenographer's report Dean investigation, Ord. 13,684	1,603 80		
Carriage hire	459 00		
Pay-rolls — Members	8,400 00		
Employees	4,500 00		
		18,273 93	31,876 09
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer —			
Mayor — Furniture and repairs	12 55		
Stoves cleaned and repaired	5 50		
Cleaning carpets	49 00		
Signs	9 05		
		76 10	
Comptroller — Furniture, fixtures and repairs	33 13		
Stoves cleaned and repaired	13 25		
Signs, etc	7 75		
Car tickets	3 00		
Traveling expenses to Jefferson City	78 25		
		135 38	
Auditor — Furniture, fixtures and repairs	106 65		
Repairing and cleaning stoves	58 65		
Window shades, linoleum and cleaning carpets	65 85		
Tin document boxes	15 50		
		246 65	
Register — Furniture, fixtures and repairs	24 75		
Cleaning stove, etc	1 95		
		26 70	
Treasurer — Furniture, fixtures and repairs	13 00		
Window shades and cleaning carpets	12 63		
Repairing and cleaning stove	10 50		
Locksmithing	5 25		
Satchel	7 50		
Car tickets and cab hire	41 65		
		89 53	
			574 36
Opening Streets — Expenses —			
Examining titles		1,485 00	
Publishing notices		439 15	
Recording deeds and notarial fees		20 50	
Printing blanks		13 00	
Removing obstructions		28 00	
Circuit clerk's, sheriff's and other fees		2,214 75	
Pay-rolls of commissioners		8,796 00	
			12,996 40
Opening Nebraska street			50 84
" Alley, block 1862	Ord. 11,139		26 50
" Easton avenue	12,941		2,057 80
" Alley, block 1859	13,049		33 50
" Alley, block 2341	13,096		15 00
" Alley, block 5	13,244		1,092 07
" Alley, block 1818	13,314		72 50
" Alley, block 1865	13,315		240 00
" Martin avenue	13,422		125 00
" Boyle avenue	13,423		608 00
" Main street	13,424		3,695 00
" Oregon avenue	13,425		400 00
" Leffingwell avenue	13,426		127 50
" Twenty-sixth street	13,428		25 00
" Alley, block 2301	13,531		1,158 90
" Cabanne street	13,558		9,417 75
" Bartle avenue	13,559		9,051 65
" Triangular strip at Leffingwell and Easton avenues and Wash street	13,560		2,880 00
" Twenty-fourth street	13,561		1,944 66
" Alley, block 2346	13,573		2,505 00
" Alley, block 3928	13,609		1,319 98
" Right of way for Mill Creek sewer	13,610		5,300 00

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Opening Alley, block 1959	13,658		1,433 00
" Alley, block 2288 N	13,659		6,910 75
" Alley, block 1033	13,660		532 19
" Alleys, blocks 575 E and 589	13,661		125 84
" Alley, block 241	13,662		1,852 50
" Alley, block 3927	13,663		4,240 00
" Vandeventer avenue	13,747		2,800 00
" McCausland road	13,748		13,220 15
" Clayton road	13,749		783 40
" Bartle avenue	13,750		4,482 50
" Kosciusko street	13,751		3,000 00
" Magazine street	13,752		9,635 00
" California avenue	13,753		5,917 00
" Grand avenue	13,754		13,200 00
" Ninth street	13,755		4,205 00
" and widening Chestnut street	13,756		4,266 20
" Alley, block 811	13,757		432 25
" Alley, blocks 1973-4 and 5	13,758		1,561 00
" Alley, block 3662	13,774		967 70
" Alley, block 4	13,775		3,003 40
" Alley, block 3 687	13,776		145 00
" Alley, block 3661	13,777		234 83
" Alley, block 3686	13,778		559 70
" Alley, block 3762	13,810		1,916 95
" Alley, block 3750	13,811		1,100 58
Park Commissioner —			
Printing and stationery		56 00	
Postage		20 00	
Repairing chair and repairing and cleaning stove		6 70	
Horse board		234 00	
Horseshoeing		19 50	
Harness repairs		14 20	
Buggy		196 50	
Pay-rolls		4,699 92	
			5,246 82
Benton Park —			
Plants, grass seed, etc		27 40	
Painting keeper's lodge		53 00	
Repairing gutters and spouts of cottage		16 00	
Paints, oil, glass, putty, etc		12 05	
Plumbing		23 56	
Repairing fountain		35 00	
Lumber, fence posts and pickets		87 54	
Lime and cement		13 00	
Gasoline		20 26	
Coal		69 57	
Salt		5 60	
Lawn mower, implements and repairs		39 95	
Hardware, tools, hose		38 27	
Boats		120 00	
Street sprinkling		100 00	
Pay-rolls		1,961 15	
			2,572 29
Carondelet Park — New Limits —			
Grass seed		9 10	
Lumber		170 73	
Repairing gutters and spouts on stable		6 35	
Gravel		167 62	
Paints and painting		20 25	
Lawn mower and repairing implements		109 07	
Hardware and tools		16 75	
Forage		134 56	
Horseshoeing and medical attendance		40 00	
Harness and repairs		45 00	
Wagon repairs		8 90	
Pay-rolls		2,082 16	
			2,810 49
Carr Square —			
Gasoline		26 10	
Coal		4 98	
Lumber		23 61	
Hose, bolts, nails		30 90	
Repairing lamps, lawn mower and gates		13 90	
Pay-rolls		806 51	
			906 00
Forest Park —			
Trees, plants and grass seed		70 50	
Coal		77 58	
Oil, axle grease, etc		12 26	
Brooms, pails, cups, sponges, etc		13 98	
Lumber		1,248 02	
Lawn mowers and repairs to implements		157 62	
Hardware, tools, etc		161 83	
Repairing engines, pumps and smoke-stack		23 40	

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Repairing roof of keeper's lodge and bench slats	21 50	
Brick, cement and sewer pipe	115 20	
Water pipe, laying and repairing reservoir	145 97	
Gravel	344 11	
Macadam	62 75	
Pedestals for statues	75 00	
Plans and specifications for bridge No 5	250 00	
Building and repairing bridges	8,167 75	
Forage	428 61	
Horseshoeing	188 00	
Harness and repairs	99 90	
Wagons and repairs and general blacksmithing	168 48	
Pay-rolls	10,900 96	
		22,682 42
Gamble Place —		
Coal	4 69	
Gasoline	18 65	
Brooms	14 85	
Benches	99 18	
Hose	33 00	
Plumbing	3 00	
Repairing lamps, etc	5 60	
Pay-rolls	622 22	
		801 19
Gravois Park —		
Grass seed	4 80	
Repairing spouting, summer house	3 60	
Repairing and whitening, keepers lodge	18 20	
White lead and oil	20 35	
Lumber and nails	38 20	
Pay-rolls	652 04	
		732 19
Hyde Park —		
Grass seed and flower pot	16 75	
Coke	64 50	
Gasoline	10 40	
Paints, oil and putty	13 83	
Hose and couplings	15 00	
Lawn mower and hardware	18 60	
Lumber	7 00	
Lamps, gate and fountain repairs	70 75	
Sand and cement	17 40	
Street sprinkling	270 00	
Pay-rolls	1,911 21	
		2,415 44
Jackson Place —		
Coal	4 19	
Gasoline	14 30	
Benches	99 18	
Lumber and shingles	17 45	
Shovel and nails	3 72	
Plumbing and lamp repairs	27 22	
Street sprinkling	45 00	
Pay-rolls	576 23	
		787 29
Laclede Park —		
Grass seed	1 20	
Coal	4 44	
Matches	2 10	
Lawn mower	12 00	
Hardware	4 15	
White wash brushes	6 00	
Lumber	17 28	
Pay-rolls	645 41	
		692 58
Lafayette Park —		
Trees, plants and flowers	452 60	
Rent for cellar to winter plants in	25 00	
Swans and wild ducks	59 00	
Coal	2 95	
Ice	94 85	
Salt, chemicals and candles	14 45	
Brooms, buckets, etc	8 45	
Lamps, globes and repairs	2 35	
Cement	3 00	
Hardware, tools, implements and repairs	69 12	
Leather	6 75	
Repairing pumps	6 93	
Hose	40 00	
Benches	35 95	
Paints and oils	11 25	
Boats, oars and repairs	110 25	
Flags and netting	12 60	
Forage	6 07	

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Horse board	181 20	
Horseshoeing	14 20	
Harness and repairs	7 75	
Wagon and repairs	78 55	
Street sprinkling	150 00	
Salary of book-keeper for six months	75 00	
Pay-rolls	3,572 37	
		5,040 04
Lyon Park —		
Grass seed	1 20	
Coal	4 74	
Hardware and repairing lawn-mower and gates	5 94	
Lumber	14 71	
Street sprinkling	60 00	
Pay-rolls	970 11	
		1,056 70
O'Fallon Park —		
Grass seed	2 40	
Salt, oil, axle grease	19 80	
Repairing gutters, spouts and tinware	29 50	
Hardware, tools, implements and repairs	78 35	
Lumber and Shingles	41 64	
Cement, lime and sand	19 90	
Gravel	90 99	
Forage	196 50	
Horseshoeing	33 50	
Harness and repairs	59 35	
Vehicle repairs	77 10	
Pay-rolls	2,067 42	
		2,716 45
St. Louis Place —		
Grass seed	2 40	
Gasoline, etc	5 05	
Coal	4 87	
Brooms	9 80	
Hardware, tools, implements and repairs	50 82	
Repairing lamps	31 10	
Paints	3 75	
Lumber	44 85	
Building brick terrace	69 00	
Fountain and plumbing repairs	56 90	
Sewer pipes and grates	16 15	
Laying water pipe	219 50	
Filling pond	130 75	
Street sprinkling	70 00	
Pay-rolls	1,398 48	
		2,107 42
South St. Louis Square —		
Grass seed	2 25	
Repairing lawn mower	3 25	
Stop box and hydrant key	5 25	
Pay-rolls	840 59	
		851 34
Tower Grove Park —		
Amount paid under State Act March 9, 1867		25,000 00
Washington Square —		
Grass seed	6 76	
Gasoline	33 95	
Coal	8 69	
Repairing benches	3 00	
Lumber	12 30	
Lawn mower and repairing implements	17 35	
Cement	14 40	
Repairing stove	8 75	
Repairing and painting lamps	20 75	
Plumbing	36 75	
Pay-rolls	887 55	
		1,050 25
Police — Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives —		
Pay-rolls		483,443 90
Police — All other salaries and current expenses —		
Badges, numbers, gauntlets, buttons, spurs	461 29	
Feeding prisoners, washing towels, lap-robes, hauling manure, etc	1,647 55	
Printing and stationery	1,336 29	
Carpets, furniture, fixtures, brooms, brushes, stoves, lamps, repairs, etc	895 75	
Drugs, soap, chamois, sponges, oil	699 75	
Handcuffs, hardware, blacksmith supplies, hose, etc	438 68	
Awnings and toweling	45 60	
Telephone rent and apparatus	1,717 82	
Telegrams, freight and postage	78 00	
Clothing damaged in discharge of duty	69 13	

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Meals furnished (during railroad strike) to officers	874 37	
Examining title to lot purchased for station-house	25 00	
Rent and taxes on leased ground for station-house	567 05	
Costs and expenses—Police Board *v.* City Auditor	46 40	
Insurance	375 00	
Medical examination of applicants	24 00	
Travelling expenses of Chief of Police	73 91	
Secret service	999 50	
Moving patrol boxes	36 00	
Photographs for rogues' gallery	89 00	
Gas	4,419 24	
Fuel	981 33	
Ice	289 82	
Horses	2,700 00	
Horse hire to replace injured horse	48 00	
Carriage hire	5 00	
Forage	6,146 81	
Pasturage	298 67	
Harness and repairs	385 40	
Vehicle repairs	1,090 72	
Veterinary services	38 00	
Cement and sand	64 50	
Lumber	713 11	
Glazing, paints, painting, etc	132 69	
Plumbing and gasfitting	338 99	
Roofing, guttering, iron and brick work	806 11	
Pay-roll—Employees	45,566 16	
Commissioners	4,094 91	
Attendant, chief's buggy	405 00	
		78,914 05
Police, erection of new stables on Laclede Avenue—		
Brick stable	1,700 00	
Lumber	542 60	
Paint, oil, glass, etc	82 90	
Plumbing and gasfitting	90 00	
Hardware	46 90	
Gutters and downspouts	37 60	
		2,500 00
Police purchase of lot for Station House in Fourth District—		
Amount paid for lot s. e. corner of 16th and North Market Streets		3,500 00
Poor House—		
Bread	7,266 28	
Meat and fish	11,401 54	
Groceries, provisions, poultry, vegetables	10,160 48	
Milk	1,438 80	
Ice	321 48	
Beer	34 10	
Drugs, medicines, surgical instruments and supplies	1,441 21	
Dry goods, notions, clothing, etc	2,735 21	
Slippers, leather and findings	332 67	
Straw	548 87	
Furniture, carpets, etc	81 00	
Glassware, china	13 55	
Stoves, hardware, kitchen utensils, brushes	1,598 62	
Fuel	4,151 84	
Gas	1,403 25	
Printing and stationery	210 00	
Horseshoeing	55 50	
Lap robes and wagon and harness repairs	13 00	
Seeds and plowing	112 73	
Telephone, rent and inspecting scales	29 00	
Re-pairing electric bells	51 50	
Gas regulator	130 00	
Hose, couplings, etc	274 20	
Lawn mowers, etc	13 70	
Oils, paints, painting, glazing, etc	674 47	
Lime, sand, cement	68 05	
Lumber	276 01	
Plumbing, gas and steam pipe fitting	244 31	
Building brick kitchen	1,500 13	
Boiler repairs	101 78	
Pay-rolls	24,712 63	
		71,392 81
Poor House Bakery—		
Flour	18,146 40	
Potatoes	653 39	
Lard	19 32	
Hops and malt	133 85	
Yeast	14 50	
Tobacco	64 04	
Ice	119 22	
Wood	513 20	
Coal	22 61	

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Oil, axle-grease, resin, lamp-black		53 75	
Bread pans, sieves and dippers		30 00	
Gloves, blankets, rubber boots, etc		75 20	
Brooms, brushes, combs, chamois, etc		37 15	
Inspection of scales		4 00	
Hardware, files, etc		1 00	
Lumber		124 93	
Forage		499 62	
Horseshoeing		60 25	
Harness, blankets, soap, repairs, etc		65 40	
Veterinary services		26 75	
Vehicle and repairs		334 00	
Pay-roll		2,142 74	
			23,131 32
Poor House Dairy —			
Salt		95 73	
Meal		118 50	
Tobacco		76 67	
Brooms, brushes, rope, buckets		64 55	
Hardware, lanterns, hoes, shovels, etc		44 84	
Milk cans, strainers, etc		10 75	
Oils and varnishes		60 45	
Ice		99 96	
Horseshoeing		16 50	
Harness		35 00	
Cows		1,106 00	
Forage		3,674 76	
Damage done by cows trespassing		15 00	
Labor, cutting hay		45 00	
Lumber		319 09	
Pay-roll		1,360 06	
			7,144 36
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer —			
Mayor — Printing and binding annual message	$2,437 00		
Publishing proclamations	137 96		
Books, blanks, stationery	415 18		
Postage	30 50		
Ribbons and repairing hand stamps	2 40		
		3,023 04	
Comptroller — Printing and binding annual report	565 00		
Books, blanks, stationery	422 25		
Postage	46 50		
		1,033 75	
Auditor — books, blanks, stationery	269 55		
Postage	10 00		
Repairing dating stamp	5 50		
		285 05	
Register — Advertising and publishing ordinances	1,077 81		
Books, blanks and stationery	575 52		
Postage	10 00		
Vehicle numbers	917 73		
Dog checks	113 92		
		2,694 48	
Treasurer — Books, blanks and stationery	254 70		
Postage and postal scale	17 00		
Hand stamps and repairs	6 50		
		278 20	7,314 52
Purchase of Real Estate and Erection of Public Buildings —			
Balance due for lot in block 41, purchased for engine house purposes			1,000 00
Quarantine and Small-pox Hospital —			
Meat and fish		402 22	
Groceries, provisions, vegetables, ice		459 35	
Drugs		4 95	
Straw		12 07	
Hardware and stove repairs		64 37	
Glassware		6 20	
Fuel		158 30	
Engineer's supplies		5 35	
Printing and stationery		23 45	
Forage		461 69	
Horseshoeing		56 00	
Harness repairs		12 10	
Vehicle repairs		42 85	
Veterinary services		10 00	
Lumber and lime		43 90	
Smoke stack		35 00	
Pay-rolls		3,057 69	
			4,855 49
Real Estate Account —			
Advertising "For Rent"		4 85	
Rent of ground on which old reservoir walls stand		48 14	

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Rent of lots for draining insane asylum grounds		400 00	
Sewer and sidewalk construction bills against city property.		5,290 12	
			5,743 11
Recorder of Deeds —			
Printing and stationery		709 13	
Record books and indexes		1,135 19	
Iron book cases and repairs		103 50	
Safe		200 00	
Furniture, fixtures and repairs		102 16	
Pay-rolls		25,183 81	
			27,433 79
Redemption of Bonds —			
Amount redeemed at city treasury		7,000 00	
Remittances to New York		318,000 00	
			325,000 00
Redemption of Bonds — Special Fund —			
Amount redeemed by mayor and comptroller under Ord. 13,492			710,621 79
Relief of James A. Larkin, Ord. 13,708 —			
Injuries sustained while employed by city, inspecting sewers			211 13
Relief of Henry Ames & Co., Ord. 13,813 —			
Overpayment of water license in 1878			269 50
Relief of Charles H. Groby, Ord. 13,818 —			
Injuries and damages sustained in collision with Fire Engine No. 18			500 00
Relief of Anton Vert, Ord. 13,819 —			
Remittance of fine erroneously imposed			153 00
Removal of Garbage —			
Under contracts and ordinances 12,031 and 13,268			18,983 29
Repairs of Dykes, Wharf and River Bank —			
Paving with granite blocks		18,374 12	
Paving and macadamizing south of Market street		4,873 49	
Paving and macadamizing north of Market street		1,708 91	
Chains		100 80	
Ring and corner stones		85 00	
Pay-rolls		502 62	
			25,594 94
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer —			
Mayor's office		8,669 99	
Comptroller's office		17,736 20	
Auditor's office		11,599 92	
Register's office		6,600 00	
Treasurer's office		7,899 96	
			52,506 07
Scales —			
Adreon — Stationery	1 55		
Ice	7 85		
Repairing, cleaning and inspecting	12 00		
Street sprinkling	27 00		
Pay-rolls	900 00		
		948 40	
Bridge — Stationery	5 15		
Coal and ice	10 08		
Stove	15 00		
Painting house	50 00		
Repairing, cleaning and inspecting	4 00		
Street sprinkling	64 00		
Pay-rolls	1,599 96		
		1,748 19	
City Market — Stationery	3 35		
Coal	2 80		
Ice	5 17		
Stovepipe	3 45		
Setting guard stones	10 00		
Repairing and painting scale house	27 15		
Repairing, cleaning and inspecting	182 39		
Pay-rolls	900 00		
		1,134 31	
North Levee — Stationery	1 30		
Coal and ice	9 18		
Repairing and cleaning	4 40		
Street sprinkling	15 00		
Pay-rolls	999 96		
		1,029 84	
South Levee — Stationery	9 30		
Coal	4 66		
Ice	9 25		
Brooms, buckets and soap	3 88		
Water cooler	4 50		
Chairs and repairs	14 70		
Repairing scale house	18 85		
Inspecting	4 00		
Pay-rolls	999 96		
		1,069 10	

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Soulard Market—Stationery	4 77		
Coal	4 83		
Repairing stove pipe, etc	3 40		
Inspecting	2 00		
Removing old scales	7 22		
New scales	214 00		
Filling in & making approaches for new scales	78 28		
		314 50	
South St. Louis—Stationery	1 15		
Hauling	4 75		
Repairing	105 28		
Inspecting	4 00		
		115 18	
Thorp—Repairing	96 73		
Inspecting	4 00		
Pay-rolls	249 96		
		350 69	
General use—Scale tickets		26 20	
			6,736 41
Scavenger Dumps—Construction and Repairs—			
Lumber, nails and spikes		388 55	
Repairs to pumps, pipes, chains, etc		204 75	
Towing		8 00	
Pay-rolls		166 24	
			767 54
Scavenger Dumps—Salaries and Current Expenses—			
Coal		26 70	
Ice		30 60	
Oil and Tallow		38 15	
Barrows, pitchfork, brooms, etc		25 70	
Rope		61 82	
Repairing stoves, lamps, etc		25 95	
Barge hire		168 00	
Pay-rolls		6,584 83	
			6,961 75
Section 16, Township 45 N. Range 7 E, Ord. 11,062.			
Compromise money collected by commissioner and paid over to Public School Board			1,259 28
Sewer Contract Account—			
Arsenal street sewer, Ord. 12,583		540 59	
Gingrass Creek, Ord. 12,730, 13,270 and 13,481		869 34	
Joab street sewer, Ord. 12,918 and 13,053		574 90	
Emmet street sewer, Ord. 13,410		1,157 95	
Miller street and Park avenue sewer	13,411	140 71	
Mill Creek sewer	13,412	16,636 42	
Mill Creek sewer	13,413	43,994 51	
Insane Asylum, Female Hospital and Poor House sewer	13,588	12,347 63	
Sewer inlets	13,593	608 72	
Outlet sewers	13,594	382 10	
Joab street sewer	13,595	464 14	
Brooklyn street sewer	13,699	671 58	
Minnesota avenue sewer	13,704	978 87	
Quincy street sewer	13,705	4,747 52	
Accomac street sewer	13,706	4,854 18	
Arsenal street sewer	13,707	3,381 30	
Lynch street sewer	13,708	2,569 81	
Rocky Branch and other sewers (repairs)	13,827	6,313 16	
Northwestern sewer (reconstruction)	13,828	450 50	
			101,683 93
Sewers, Salaries, Current Expenses and Repairs—			
Printing and stationery		156 09	
Drafting materials, instruments, etc		59 75	
Oil, wick, lanterns, globes, torches, etc		39 70	
Water cooler and buckets		14 25	
Cleaning and repairing stove		3 00	
Hardware, tools, implements and repairs		72 39	
Rubber boots		54 90	
Lumber		38 76	
Granite paving blocks		877 50	
Inlet stones		552 80	
Canvas flumes		72 25	
Iron inlets, manhole covers and caps		576 18	
Construction and repairs of sewers, inlets, manholes, etc		11,474 01	
Inspecting private sewers		95 06	
Street car tickets		100 00	
Horse board		224 70	
Horseshoeing		14 00	
Harness repairs		11 70	
Buggy repairs and hire		65 00	
Pay-rolls		27,359 59	
			41,859 58

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Street and Alley Contract Account—			
Beckwith street	Ord. 11,211 and 11,789	885 96	
Todd avenue	12,979 and 13,768	1,166 11	
Cozens avenue	Ord. 13,364	636 40	
Page avenue	13,365	591 68	
Palm street	13,366	401 54	
Clark avenue	13,368	509 25	
Howard street	13,369	418 80	
Louisiana avenue	13,370	566 63	
Alley in block 587	13,371	190 00	
Alley in block 594	13,372	41 16	
Alley in block 2315	13,373	86 00	
Alley in block 471	13,374	347 07	
Alley in block 1962	13,375	350 00	
Alley in block 2138	13,376	202 24	
Alley in block 1069	13,377	78 56	
Alley in block 509	13,378	320 70	
Alley in block 1718 East	13,379	151 00	
Alley in block, 2317	13,382	171 20	
Alley in block 1162	13,383	651 13	
Alley in blocks 4558 and 2282	13,384	1,667 00	
Alley in block 2439N	13,386	198 45	
Bacon street	13,395	910 35	
Theresa avenue	13,396	469 00	
Ferry street	13,398	207 00	
Lee avenue	13,402	486 75	
Alley in block 812	13,427	36 44	
Alley in block 792	13,438	201 60	
Alley in block 1407	13,439	130 00	
Sidney street	13,442	397 98	
Missouri avenue	13,443	1,064 72	
Cook avenue	13,444	703 66	
Potomac street	13,445	740 09	
Ohio avenue	13,446	679 25	
Keokuk street	13,447	755 15	
Cote Brilliante avenue	13,448	729 50	
Alley in blocks 3709 and 3747	13,457	259 20	
Alley in block 1961	13,458	340 20	
Alley in block 2283	13,459	497 52	
Alley in block 1902	13,460	187 25	
Alley in block 477 S	13,461	110 00	
Grand avenue	13,462	1,499 93	
Alley in block 3737	13,471	198 90	
Cabanne street	13,498	273 20	
Cabanne street	13,579	648 97	
Branch street	13,599	2,128 00	
Lindell avenue	13,697	1,044 00	
Lindell avenue	13,698	4,550 08	
Cross walks	13,700	2,751 52	
Alley in block 1886	13,714	211 50	
Alley in block 1885	13,715	127 50	
Alley in block 404	13,716	74 00	
Alley in block 1745 E	13,717	48 00	
Alley in block 1925	13,718	38 00	
Alley in block 1802	13,719	270 97	
Alley in block 565	13,720	144 25	
Alley in block 1749 S	13,721	540 24	
Alley in block 1844	13,722	230 81	
Alley in block 2236	13,724	110 90	
Alley in block 1859	13,725	108 00	
Alley in block 1408	13,726	229 94	
Alley in block 2401	13,727	532 44	
St. Alphonsus street	13,728	266 70	
Helen street	13,729	462 00	
Florissant avenue	13,730	1,500 00	
Mallinckrodt street	13,731	499 80	
Eads avenue	13,735	673 23	
Nineteenth street	13,736	1,103 52	
Channing avenue	13,737	1,783 88	
Devolsey street	13,738	99 56	
Bacon street	13,739	521 56	
Hebert street	13,742	459 00	
Penn street	13,743	724 81	
Geyer avenue	13,745	273 90	
Cabanne street	13,746	487 50	
Cottage avenue	13,791	999 89	
Alley in block 1741	13,809	499 80	
			44,652 12
Street Bridges and Culverts, Contract Account—			
Grand avenue bridge—Masonry of north and south approaches	Ord. 13,122 and 13,356	8,753 24	
Constructing anchor piers	Ord. 13,757 and 13,771	97,042 01	
" Main piers	Ord. 13,695	4,764 83	
" Foundation piers of Viaducts	Ord. 13,773	662 40	
Twelfth street bridge	Ord. 13,529	6,460 95	
			117,683 43

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Street Bridges and Culverts — Miscellaneous and Repairs —			
Printing and stationery		184 42	
Drafting materials, instruments and repairs		119 70	
Coal		4 30	
Stove and pipe		12 00	
Dusters and sponges		2 80	
Hardware, tools and repairs		101 80	
Lumber		2,428 19	
Cement, testers and moulds		95 00	
Cement and sand		245 05	
Brick		187 00	
Paints and brushes		70 74	
Dimension stone, etc		302 00	
Iron work, etc		4,819 55	
Bridge repairs		523 65	
Culvert repairs		155 00	
Horse and buggy hire		111 00	
Pay-rolls		13,825 02	
			23,137 22
Street Cleaning — Floating Dumps —			
Towing dumps		2,204 56	
Sheathing bow and well of boat No. 2		231 00	
Rope		297 21	
Crabs and repairing, shackles, chains, etc		297 70	
Lumber		180 20	
Hardware, tools, lamps, repairs		21 85	
Oil		21 10	
Coal		28 16	
Ice		14 20	
Salt		13 50	
White lead and oil		8 80	
Stove, repairing and putting up		21 95	
Pay-rolls		3,578 77	
			6,918 50
Street Cleaning — Floating Dump Construction —			
Building dump boat No. 3	Ord. 13,676		5,065 75
Street Cleaning — Labor and Carts —			
Pay-rolls — Overseers		5,363 71	
" Labor and carts—1st district		31,355 32	
" " " " 2d district		39,234 24	
" " " " 3d district		43,760 66	
			119,713 93
Street Cleaning — Stone and Wood Blocks and Asphaltum Pavements —			
Sweeping and cleaning pavements under contract		29,473 43	
Pay-rolls — Overseers		1,800 00	
" Labor and teams		13,234 43	
			44,507 86
Street Commissioner's Department —			
Printing and stationery		1,931 11	
Furniture, fixtures, stoves, repairs, etc		230 73	
Fuel		9 23	
Hardware tools and repairs, locks, keys, etc		44 30	
Street car tickets		270 00	
Horse		150 00	
Horse board and hire		1,206 99	
Horseshoeing		125 25	
Veterinary services		74 00	
Harness and repairs		145 15	
Buggy		148 00	
Wagon repairs		156 00	
Pay-rolls		40,404 54	
			44,895 30
Street Grades and Surveys —			
Stakes		23 00	
Horse, board and hire		379 00	
Harness repairs		3 95	
Wagon repairs		4 00	
Pay-rolls		5,588 72	
			5,993 67
Street Reconstruction Contract Account —			
Clark avenue	Ord. 12,432	459 93	
Walnut street	12,439	1,203 71	
Ninth street	12,440	139 33	
Clark avenue	13,214	1,764 84	
Clark avenue	13,215	707 79	
Chouteau ave	13,359	2,264 62	
Chouteau avenue	Ord. 13,360 and 13,770	1,090 52	
Chouteau avenue	Ord. 13,362	377 05	
Twelfth street	13,363	185 66	
Market street	13,464	24 85	
First street	13,500	287 55	
Third street	13,502	1,546 04	
Fourth street	13,503	236 16	

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Broadway	Ord. 13,504 and 13,766	1,148 81	
Broadway	Ord. 13,505	72 75	
Eleventh street	13,568	123 92	
Fourteenth street	Ord. 13,570 and 13,769	1,155 55	
Market street	13,571 and 13,767	244 66	
Broadway	13,601 and 13,905	2,221 06	
Washington avenue	Ord. 13,816	464 10	
Third street	13,904	2,546 23	
			18,264 12
Street Reconstruction, Special Tax against City Property—			
Market street in front of City Hall	Ord. 12,838	1,858 88	
Seventh street in front of Engine House 12 & 18	12,381	396 99	
Christy avenue in front of Union market	Ord. 13,750, 12,897	1,960 36	
Twelfth street in front of Washington square	Ord. 13,363	11,251 32	
Market street in front of Washington square	13,464	3,364 56	
Market street in front of Engine House 14	13,464	252 97	
Broadway in front of Engine House 16	13,505	360 02	
Fourteenth street in front of Exposition bldg	13,570	4,376 41	
			23,821 51
Street Repairs, Macadam and other Material—			
Macadam, 1st District		3,943 73	
" 2d "		7,084 02	
" 3d "		17,643 10	
" 4th "		8,308 93	
" 5th "		9,345 11	
" 6th "		9,936 71	
" 7th "		9,664 04	
" 8th "		10,970 50	
" 9th "		8,573 14	
" 10th "		8,141 91	
" 11th "		3,660 84	
" 12th "		3,418 84	
" 13th "		4,639 77	
" 14th "		439 67	
" 15th "		3,061 05	
" 16th "		5,022 66	
" Columbia bottom road district		1,709 58	
Rip rap, Ivory avenue between city limits and Marcean street		91 87	
Rip rap, furnished and hauled from Workhouse quarry		10,840 75	
Breaking stone at old reservoir for macadam		110 97	
Sand		1,080 25	
Gravel		15,704 41	
			143,166 85
Street Repairs—Miscellaneous Expenses—			
Rent of district superintendent's offices		453 50	
Printing and stationery		142 94	
Awnings		18 00	
Repairs to office and shed, 2d district		87 17	
Furniture, clock, etc		112 75	
Fuel		41 66	
Ice		18 98	
Lanterns, globes and repairs		118 90	
Brooms, brushes and dusters		123 85	
Pails and water cooler		15 50	
Stoves, fixtures, etc		42 15	
Hose		31 00	
Hardware, tools, implements and repairs		880 33	
Repairs to steam and horse road rollers		300 48	
Oil, waste, packing, etc., " "		75 36	
Coal for " "		82 53	
Lumber		1,706 09	
Cement and lime		285 25	
Sand		525 00	
Bricks		18 00	
Cut stone		35 00	
Drain pipe		566 80	
Manhole caps and covers		34 33	
Cleaning privy vaults in public streets		37 00	
Hauling old material from reconstructed streets		583 77	
Alley, gutter and crosswalk repairs		17,208 04	
Horse, board and hire		1,404 00	
Pay-rolls		68,142 34	
			93,085 65
Street Repairs, Reconstructed streets—			
Repairing asphalt pavements		5,204 17	
Repairing wood pavements		877 20	
Granite paving blocks		685 00	
Curb stone		140 67	
Sand		367 50	
Cement		77 00	
Pay-rolls		6,500 47	
			13,852 01
Street Repairs, Salaries—			
Pay-rolls			18,309 45

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Streets, Special Service—			
Pay-rolls			3,988 78
Water Pipe — Contract Account—			
Extension water distribution system — water pipe, valves, fire plugs, etc.	Ord. 13,297	1,530 00	
Extension water distribution system — water pipe, valves, fire plugs, etc.	Ord. 13,625	130,081 14	
Laying water pipe in Koeln avenue, Virginia avenue and Sixth street.	Ord. 12,962 and 13,907	125 59	
Laying distribution mains	Ord. 13,016	5,699 83	
" water pipe in Adams and other streets.	13,342	7,314 23	
" " " " " "	13,636	1,066 87	
" " " in Angelica " "	13,763	15,662 91	
			161,480 57
Water Works—			
Fuel		73,271 09	
Oil, packing, paints, polish, gaskets, leather, waste		3,071 18	
Iron, steel, lead, castings and machinery repairs		5,831 71	
Hardware, tools and repairing gauges, hose, stoves and repairs		2,227 87	
Rubber boots and rings		243 60	
Valves, boxes, frames, covers and repairs		2,756 35	
Meters and repairs		2,618 28	
Screw taps		1,626 39	
Water pipe, draw-bands, stop cocks, fire plug boxes		1,582 08	
Hauling pipe, meters, castings, etc		408 22	
Sand, cement, pitch, fire-clay, brick and pipe		541 90	
Lumber		1,438 91	
Salt and sal soda		64 19	
Railroad ties		145 64	
Repairing streets over excavations		118 43	
Skiff and hire of skiff and barge		55 00	
Inspecting scales		10 00	
Rent of wharf		15 00	
Removing sediment from old reservoir		4,257 20	
Seeds		55 70	
Macadam and grading, etc		408 09	
Building repairs, painting, whitewashing, etc		1,040 96	
Special tax-bills for sewer and streets		2,918 65	
Gas		2,245 56	
Ice		307 08	
Printing and stationery		749 89	
Drugs, materials, chemicals and apparatus		410 03	
Postage, telegrams and express		42 10	
Washing towels		48 00	
Furniture, brooms, brushes, soap, matches, brackets, etc.		332 41	
Street car tickets		385 00	
Procuring samples of river water		225 80	
Horses		555 00	
Horse, board and hire		2,145 75	
Horseshoeing		219 50	
Veterinary services		99 50	
Harness and repairs, horse blankets, tool bags, etc		222 30	
Wagon repairs		484 25	
Pay-rolls — Commissioner's office		9,206 06	
Meter department		6,254 00	
Inspection		10,984 99	
Street service		28,188 60	
Storage reservoir		600 00	
Reservoir grounds		4,399 29	
Settling Basins		11,918 94	
Pumping department		59,652 01	
			243,827 00
Water Works, special tax against water works property —			
Improvement of Louisiana Avenue			1,376 97
Water Works Extension, High Service Engine No. 5 —			
Foundations — Masonry and iron plates		5,654 90	
Castings and testing same		90 96	
Engine		44,203 15	
			49,949 01
Water Works Extension, No. 4 pump main —			
Laying main			848 51
Water Works Extension, salaries and expenses —			
Printing and stationery		412 92	
Surveying and drafting instruments, hardware, tools, etc.		129 70	
Testing material and express		337 38	
Traveling expenses		82 10	
Car tickets		10 00	
Pay-rolls		7,426 00	
			8,398 10
Water Works extension, stand pipe and tower —			
Granite and wrought iron work		10,522 00	
Granite flagging		3,363 62	
Building retaining walls		3,236 72	
Doorpulls, ladder and valve fittings		17 85	
			17,140 19

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Witness and other fees — Special fund —		
Paid various claimants		270 45
Work House —		
Meat and fish	8,511 41	
Groceries	3,357 38	
Bread	7,528 79	
Ice	319 22	
Drugs	204 25	
Dry goods, notions, etc	1,035 94	
Brogans, laces, leather and findings	1,207 46	
Straw and shucks	171 79	
Powder, fuse and guns	377 16	
Iron, steel, hardware, tools, plows, stoves, repairs and kitchen utensils	959 68	
Carpets and curtains	59 25	
China, etc	52 69	
Coal and wood	1,276 13	
Gas	785 78	
Printing and stationery	61 55	
Inspection of scales	2 00	
Seeds	2 20	
Mules and cows	1,299 00	
Forage	3,425 36	
Horse blankets, lap robes, repairs to harness, etc	432 35	
Vehicle repairs, axle grease, etc	238 42	
Veterinary services	57 00	
Engine and boiler supplies	21 20	
Lumber	214 43	
Sand, lime, cement	71 05	
Painting, whitewashing, glazing, papering, etc	210 88	
Carpenter work	48 60	
Gutters, downspouts, etc	55 61	
Plumbing, gas and steam pipe fitting	116 49	
Pay-rolls	17,215 30	49,313 37
Total		7,205,352 77

ACCOUNT WITH THE BANKS.

J. S. MORGAN & CO., LONDON, ENGLAND.

Dr.

To balance on hand, April 13, 1886	49,127 85	
" remittances during fiscal year	11,600 00	
" interest allowed on balance on hand	588 94	
		61,316 79
Cr.		
By coupons paid during fiscal year	11,785 00	
" commissions paying same	117 94	
" expenses charged (postage and advertising)	14 46	
		11,917 40
Balance April 11, 1887, to be accounted for...		49,399 39

NATIONAL BANK OF COMMERCE, NEW YORK.

Dr.

To balance on hand April 13, 1886	97,880 33	
" remittances during fiscal year	816,500 00	
		914,380 33
Cr.		
By coupons paid during fiscal year	812,370 00	
" commissions on same	1,886 51	
" expenses (advertising)	304 76	
		814,561 27
Balance April 11, 1887, to be accounted for...		99,819 06

NATIONAL BANK OF THE REPUBLIC, NEW YORK.

Dr.

To balance on hand April 13, 1886	17,103 38	
" remittances by treasurer during fiscal year	689,000 00	
" remittances by mayor and comptroller under Ord. 13,492	442,046 62	
		1,148,156 00
Cr.		
By bonds paid for the City treasurer during fiscal year	155,000 00	
" coupons " " " " " "	365,970 00	
" commission on same	661 13	
" bonds paid for mayor and comptroller under Ord. 13,492	442,046 80	
" commission on same	526 25	
" unexpended balance of remittance by mayor and comptroller withdrawn	32	
		964,204 00
Balance April 11, 1887, to be accounted for..		183,952 00

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REVENUE FUNDS.

HARBOR FUND.

Cr.

By balance April 13, 1886	7,842 92	
" receipts from collections of wharfage during fiscal year	67,420 42	
" judgment against Wiggins Ferry Co., for rent of wharf	6,896 17	
" proceeds sale of rope	13 65	
" unexpended balances of appropriations transferred at end of fiscal year	2,716 65	
		84,689 81
Dr.		
To appropriations during fiscal year		62,100 00
Balance April 11, 1887		22,589 81

WATER WORKS REVENUE.

Cr.

By balance April 13, 1886	186,671 25	
" receipts from collections of water licenses, permits, etc., during fiscal year	868,043 10	
By proceeds of sale of material from old reservoir	87 00	
" " " " " condemned horses	135 25	
" bill collected from McCully Stone Mason Co. for repairs to Grand av. force main	74 80	
By unexpended balances of appropriations transferred at end of fiscal year	42,393 41	
		1,097,404 81
Dr.		
To appropriations during fiscal year		492,670 35
Balance April 11, 1887		604,734 46

INTEREST AND PUBLIC DEBT REVENUE.

Cr.

By balance April 13, 1886	142,224 70	
" receipts from collection of general taxes	1,408,583 08	
" interest paid on city's current deposits by Laclede Bank	20,381 83	
" " " " " " " " Boatmen's Savings Bank	25,352 13	
" accrued interest on city renewal bond 11,455 — Sold to fund commissioners for sinking fund	118 36	
" unexpended balances of appropriations transferred at end of fiscal year	39,291 75	
		1,635,951 85
Dr.		
To appropriations during fiscal year	1,506,000 00	
To amount transferred to redemption of bonds — Special fund, being interest on the daily balances of said fund paid by the banks and credited to interest and public debt revenue	15,764 08	
		1,521,764 08
Balance April 11, 1887		114,187 77

MUNICIPAL REVENUE.

Cr.

By balance April 13, 1886	128,843 72
" receipts from collection of general taxes	1,975,109 55
" " " " " licenses, bills, etc	1,257 661 64
" " " " " fees from sundry officers	130,105 69
" city's proportion of collector's surplus commission	22,674 24
" dividend on city's stock in St. Louis Gas-Light Co	4,000 00
" fire insurance	1,100 00
" payments by state for insane asylum	25,000 00
" " " " " road and canal fund	86 95
" " " " " assessment of revenue	31,974 44
" " " " " abstract of tax books	434 18
By payments by state for rent court of appeals	3,200 00
" proceeds sale of condemned property	2,664 55
" money and valuables found on patients and dead bodies	311 97
" collections by jailer	564 95
" witness and other fees remaining unclaimed	1,434 80
" receipts from railroad companies	21,184 32
" " " electric light companies	3,206 31
" " " telephone companies	3,555 84
" " " Gas, Fuel and Power Co	365 02
" St. Louis public schools for poll-books	806 72
" collections by police board	49 40
" " of old street opening, special tax bills	404 14
" " of old sewer opening, special tax-bill	1,705 31
" burial U. S. Marine Hospital patients	27 00

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By voluntary payment for insane patient	100 00	
" dead animal contractor, J. R. Calhoun	199 96	
" overpayment on pay-rolls, etc., refunded	118 55	
" forfeiture of deposit of Geo. J. Fritz (June 9, 1886)	750 00	
" amount collected for cost investigating titles in street opening cases	30 00	
" amount transferred by Ord. 13,765	38,277 01	
" " " " " 13,817	13,570 00	
" " " " " 13,874	6,000 00	
" " " " " 13,981	19,840 19	
" " " " " 13,904	2,500 00	
" " " " " 13,899	9,500 00	
" unexpended balances transferred at end of fiscal year	107,186 42	
		3,804,542 87
Dr.		
To appropriations during fiscal year	3,667,718 98	
" commission on collections of street opening — Special tax bills	4,114 29	
" street opening special tax bills withdrawn	331 66	
		3,672,164 88
Balance April 11, 1887		132,377 99

BALANCES APRIL 11, 1887.

SUNDRIES, Dr.

F. W. Baum	922 13	
James Garrity	5 25	
Wm. G. Heitmeyer	1 00	
E. J. Moriarity	178 00	
S. F. Sallman	149 32	
M. E. Susisky	44,765 93	
John A. Watson, late sheriff and ex-officio Collector of St. Louis County	1,079 52	
City of St. Louis	21,858,978 37	
St. Louis Gas Light Co., "Stock"	10,000 00	
Board of Fund Commissioners	305,818 97	
F. F. Espenschied, Treasurer	1,422,087 64	
R. A. Campbell, Comptroller	11,836 75	
H. Clay Sexton, Collector of Licenses, etc.	173,818 53	
" " " State Licenses	10,729 00	
" " " Back Taxes 1884 and prior years.	52,037 10.65	
" " " " " 1885 and 1886	262,504 15.10	
" " " Delinquent Personal Taxes	1,169,234 19.25	
" " " Delinquent Railroad Taxes 1875 and prior years	156,417 43	
F. W. Mott, Assessor and Collector of Water Rates	134,770 80	
Andrew Haley, Inspector of Weights and Measures	542 40	
Asa B. Ecoff, Boiler Inspector	775 00	
G. W. Carson, Clerk Board of Health	13 00	
D. O'C. Tracy, Register	14 00	
John W. Glassford, Weigher North Levee Scales	105 40	
Chas. G. Hotchkin, " South Levee Scales	135 40	
John McManus " Bridge Scales	185 80	
Aug. Homan, " City Market Scales	219 95	
W. D. Bennett, " Thorp Scales	188 00	
E. E. Guion, " Adreon Scales	24 00	
Aug. F. Setzer, Market Master and Weigher Soulard Market Scales	110 60	
Peter Bouchein, Market Master and Weigher South St. Louis Market Scales	179 60	
J. S. Morgan & Co., London, England	49,399 39	
National Bank of Commerce, New York	99,819 06	
National Bank of the Republic, New York	183,952 00	
F. F. Espenschied Paid Bonds and Coupons Account	433,465 60	
Proceeds Sale of Renewal Bonds	199,000 00	
Opening Streets "Special Fund"	82,749 61	
		26,657,205 90

SUNDRIES, Cr.

Constantine Maguire Fund	6,135 78	
General Bond Account — "City"	8,557,000 00	
General Bond Account — "County"	2,347,000 00	
Bridge Approach — Bond Account	461,000 00	
Fire Department — Bond Account	100,000 00	
Harbor and Wharf — Bond Account	44,000 00	
Park Bond Account "County"	1,900,000 00	
Sewer Bond Account	1,108,000 00	
St. Louis Gas Light Co. Judgment Bond Account:	950,000 00	
Tower Grove Park — Bond Account	340,000 00	
Water Bond Account "New Works"	508,000 00	
Water Pipe Special Tax Refunding — Bond Account	800,000 00	
Treasury Warrant Account "Old"	49 25	
City Treasury note issue, 1873	36 00	

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Unpaid warrant account			116,142 79
Sinking fund			805,818 97
Harbor fund			22,589 81
Water works revenue			604,784 46
Interest and public debt revenue			114,187 77
Municipal revenue			152,877 99
General account			1,973,660 40
Wm. A. Hobbs, Recorder of Deeds			739 50
Emile Thomas, ex-City Marshal			42 50
Martin Neiser, City Marshal			521 23
Payments, city bonded indebtedness account			766,636 05
Construction of engine houses and purchase of lots			800 00
Contract and other deposits			21,270 74
Costs and legal expenses, payable from municipal revenue			300 00
Courts			100 00
Erection of gasoline lamps			400 00
Fire Department			4,800 00
House of Refuge — Furnishing new building	Ord. 13,619		1,137 13
Insane Asylum — Improvements, alterations and repairs	13,761		2,392 20
Old county claims			2,242 43
Opening streets "floating debt"			473 30
Benton Park			27 31
Carondelet Park			36 57
Carondelet Park, new limits			78 87
Carr Square			52
Exchange Square			166 20
Forest Park			74 59
Gamble Place			15 47
Gravois Park			14 20
Hyde Park			124 10
Jackson Place			23 76
Laclede Park			41 26
Lafayette Park			4 48
O'Fallon Park			197 64
St. Louis Place			3 26
South St. Louis Square			32
Washington Square			10 77
Real estate account			1,211 28
Redemption of bonds — Special fund			545 53
Redemption of lands sold for taxes			235 71
Refunding licenses and taxes, 13th Ward			83 95
Refunding water pipe — Special taxes			862 94
Scavenger dumps — Construction and repairs			4,500 00
Water Works extension, high service engine No. 5			105,050 99
Water Works extension, stand pipe and tower			661 31
Water Works extension, temporary pumping plant	Ord. 13,986		45,000 00
Wharf north, floating debt			32 59
Witness and other fees — Special fund			2,350 43
Refunding meat shop licenses	Ord. 13,931		3,000 00
Speeding track in Forest Park	13,927		500 00
Planting shade trees on Lindell avenue	13,975		500 00
Special tax fund — new work			3,870 00
City Hall, alterations	Ord. 13,983		750 00
Court House, alterations	" 13,991		1,850 00
Relief of E. T. Stevenson	" 13,993		20 00
Relief of Anastasia Cantwell	" 13,994		150 00
Relief of Margaret Brophy	" 13,989		1,500 00
Mill Creek sewer	" 13,413		48,105 49
Insane Asylum, Female Hospital and Poor House sewer	" 13,588		652 37
Brooklyn street sewer	" 13,699		35 34
Minnesota avenue sewer	" 13,704		51 52
Quincy street sewer	" 13,705		252 48
Accomac street sewer	" 13,706		3,145 82
Arsenal street sewer	" 13,707		5,618 70
Lynch street sewer	" 13,708		135 25
Rocky Branch and other sewers (repairs)	" 13,827		8,686 84
Northwestern sewer (reconstruction)	" 13,828		1,049 50
Northwestern sewer (reconstruction)	" 13,829		10,100 00
Ferry street sewer	" 13,976		11,900 00
Second Carondelet avenue and Shenandoah street sewer	" 13,977		1,812 99
Outlet sewer for Farrar street sewer — District No. 7	" 13,978		275 00
Opening alley in block 1883			20 69
" Delaware street			87 80
" Gratiot street			48 75
" alley in block No. 614			326 72
" Victor street			327 55
" alley in block 1887			10 22
" alley in block 2260			42 45
" St. Louis avenue			92
" alley in block 1729			2 00
" alley in block 690			40 97

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"	Chippewa street	Ord.	10,721	122 10
"	Jefferson avenue		10,829	11 94
"	alley in block No. 1977		10,944	50 00
"	" " No. 1244		10,945	40 00
"	Howard street		10,947	5 00
"	Right of way Camp Spring sewer		10,951	7 00
"	East Jefferson avenue		11,028	176 77
"	and widening Jefferson avenue		11,029	7 00
"	Spring street		11,121	5 00
"	Salisbury street		11,129	10 00
"	alley in block 1862		11,139	25 00
"	Farrar street		11,252	1 00
"	Sarsfield avenue		11,256	82 21
"	Mallinckrodt street		11,258	5 00
"	Angelica street		11,260	483 67
"	alley in block 327		11,280	40 00
"	Park avenue		11,679	33 88
"	Meramec street		11,784	2 00
"	alley in block 1791		11,943	39 10
"	" " " 787		12,012	90 00
"	alley in blocks 11, 12, 13 and 14 (subdivision of College Farm)		12,063	15 00
"	Vandeventer avenue		12,362	10 00
"	Mill Creek sewer route		12,451	683 00
"	alley in block 1650		12,452	20 10
"	" " " 1425		12,538	11 00
"	and widening Grand avenue		12,655	1 00
"	alley in block 1880		12,679	176 25
"	alleys in blocks 2059, 2060 and 2061		12,680	2 00
"	Sarah street		12,938	4 00
"	Cozens street		12,940	35 00
"	Easton avenue		12,941	3,225 62
"	alley in blocks 2290 and 3747		12,944	243 51
"	alley in block 1859		13,049	58 03
"	" " 2366		13,050	10 56
"	" " 3751		13,051	282 30
"	" " 2341		13,096	35 00
"	Dodier street		13,097	576 80
"	Mullanphy street		13,127	306 00
"	alley in block 1882		13,220	66 25
"	" " 3308		13,221	695 50
"	" " 5		13,244	1,043 73
"	" " 1818		13,314	115 00
"	" " 1865		13,315	250 00
"	" " 1741		13,408	27 50
"	Main street		13,424	5,035 00
"	Leffingwell avenue		13,426	90 00
"	Twenty sixth street		13,428	10 00
"	Bell avenue		13,450	4,518 00
"	alley in block 2301		13,531	347 00
"	Cabanne street		13,558	688 00
"	alley in block 2348		13,573	64 50
"	" " 3928		13,609	106 70
"	" " 1033		13,660	117 81
"	" in blocks 575E and 589		13,661	1,487 07
"	" in block 241		13,662	79 00
"	" " 3927		13,663	958 00
"	McCausland road		13,748	3,399 00
"	Clayton road		13,749	1,010 45
"	California avenue		13,753	1,590 20
"	Ninth street		13,755	295 00
"	alley in block 811		13,757	275 81
"	" in blocks 1973, 1974 and 1975		13,758	268 00
"	" in block 3663		13,774	416 15
"	" " 4		13,775	3,606 63
"	" " 3667		13,776	63 00
"	" " 3661		13,777	287 62
"	" " 3666		13,778	323 96
"	" " 3742		13,810	394 30
"	" " 3750		13,811	939 42
"	" " 486		13,923	1,040 00
"	" " 3923		13,937	6,872 00
"	alleys in block 3754		13,938	1,495 00
"	alley in block 3664		13,939	731 50
"	" " " 3665		13,940	832 00
"	" " " 4565		13,941	4,240 50
"	" " " 4566		13,942	4,148 75
"	" " " 1285		13,943	1,659 00
"	" " " 1284		13,944	1,538 00
"	" " " 3663		13,962	999 80
"	Ferry street		13,988	7,040 00
Grand avenue bridge		Ords.	13,122, 13,356, 13,357, 13,695, etc.	87,798 22
Bircher street bridge		Ord.	13,786	1,500 00
Alleys in block 783			13,260	55 81

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Alley in block 594	13,372	188 00	
" " " 73	13,385	50 00	
" " " 2164	13,387	720 00	
" " " 3709 and 3747	13,457	604 80	
" " " 1961	13,458	539 80	
" " " 3737	13,471	336 10	
Lindell avenue	13,697	4,063 00	
Lindell avenue	13,698	793 92	
Alley in block 1262	13,723	300 00	
" " " 2401	13,727	487 56	
Easton avenue	13,740	4,684 00	
Hebert street	13,742	291 00	
Fairfax avenue	13,779	1,064 00	
Twenty-third street	13,780	1,022 00	
Prairie avenue	13,781	2,080 00	
Mullanphy street	13,782	1,662 00	
Spring avenue	13,783	1,540 00	
Page avenue	13,784	1,822 00	
Evans avenue	13,785	1,096 00	
Obear avenue	13,787	900 00	
Vulcan street	13,788	600 00	
Nineteenth street	13,789	450 00	
Florissant avenue	13,790	1,250 00	
Alleys in block No. 2241	13,792	160 00	
Alley " " " 2160	13,793	224 00	
Alleys " " " 2158	13,794	250 00	
" " " " 1076	13,795	155 00	
Alley " " " 812	13,796	300 00	
" " " " 2162	13,797	66 00	
" " " " 1264	13,798	240 00	
" " " " 2336	13,799	360 00	
Alleys " " " 2310	13,800	780 00	
Alley " " " 1985	13,801	135 00	
" " " " 1070	13,802	1,443 00	
Alleys " " " 2137	13,803	360 00	
Alley " " " 2476	13,804	490 00	
" " " " 3389	13,806	390 00	
" " " " 2444	13,807	750 00	
" " " " 1317	13,808	345 00	
Alley in blocks 1558 and 1559	13,836	251 00	
Ninth street	13,926	1,550 00	
Gratiot street	13,956	3,190 00	
Eads avenue	13,957	1,600 00	
Alley in block 280	13,980	68 00	
Crosswalks on Sidney and other streets	13,993	717 00	
Reconstruction Eighteenth street	13,604	8,191 00	
" Eighteenth street	13,605	10,711 00	
" Twelfth street	13,822	3,551 00	
" Chouteau avenue	13,823	12,905 00	
" Gratiot street	13,824	1,826 00	
" Broadway	13,832	8,780 00	
" Broadway	13,833	2,050 00	
" Broadway	13,834	3,455 00	
" Broadway	13,835	6,337 00	
" Gratiot street	13,900	1,156 00	
" Spruce street	13,901	1,961 00	
" Fourth street	13,903	30 00	
" Spruce street	13,955	4,574 00	
Extension water distribution system, water pipe, valves, fire plugs, etc	Ord. 13,625	44,918 86	
Extension water distribution system, water pipe, valves, fire plugs, etc	Ord. 13,908	8,500 00	
Extension water distribution system, water pipe, valves, fire plugs, etc	Ord. 13,912	39,500 00	
Laying water pipe in Gratiot street	11,791	355 00	
" " " Adams and other streets	13,342	783 73	
" " " Angelica and other streets	13,763	35,037 09	
" " " Angelica and other streets	13,906	11,200 00	
" " " to insane asylum	13,963	3,650 00	
" distribution pipes in Bowen street	13,979	175 00	
			$26,657,205 90

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STATEMENT OF BONDS PAID BY THE CITY DURING THE FISCAL YEAR ENDING APRIL 11, 1887

BONDS DUE.

FOR CONSTRUCTION OF HARBOR AND WHARF.

Authority for Issue.	Date of Issue.	Years to Run.	Date When Due.	Rate of Interest.	Number of Bonds.	Amount.	Total.
Ordinance No. 5745	June 1, 1866	20	June 1, 1886	6 per cent.	45	$45,000 00	
Ordinance No. 5745	Sept. 1, 1866	20	Sept. 1, 1886	6 per cent.	98	98,000 00	
Ordinance No. 5745	Nov. 1, 1866	20	Nov. 1, 1886	6 per cent.	97	97,000 00	
Ordinance No. 5745	Nov. 15, 1866	20	Nov. 15, 1886	6 per cent.	10	10,000 00	
Ordinance No. 5745	Dec. 15, 1866	20	Dec. 15, 1886	6 per cent.	210	210,000 00	
Ordinance No. 5745	Jan. 1, 1867	20	Jan. 1, 1887	6 per cent.	10	10,000 00	
Ordinance No. 5745	Jan. 15, 1867	20	Jan. 15, 1887	6 per cent.	20	20,000 00	
Ordinance No. 5745	Feb. 1, 1867	20	Feb. 1, 1887	6 per cent.	92	92,000 00	
							$582,000 00

TO PURCHASE REAL ESTATE, ETC.

Ordinance No. 5778	June 15, 1866	20	June 15, 1886	6 per cent.	20	$20,000 00	
Ordinance No. 3616	April 1, 1857	30	April 1, 1887	6 per cent.	20	20,000 00	
							$40,000 00

FOR STREET IMPROVEMENTS.

Ordinance No. 5841	Sept. 15, 1866	20	Sept. 15, 1886	6 per cent.	50		
							$50,000 00

FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Ordinance No. 6053	April 1, 1867	20	April 1, 1887	6 per cent.	150		
							$150,000 00

BONDS NOT YET DUE, PURCHASED UNDER ORDINANCE NO. 13,492.

FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Ordinance No. 6053	May 1, 1867	20	May 1, 1887	6 per cent.	8	$8,000 00	
Ordinance No. 6053	June 1, 1867	20	June 1, 1887	6 per cent.	3	3,000 00	
							$11,000 00

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FOR IMPROVEMENT OF TOWER GROVE PARK.

Ordinance No. 6606	Aug.	1, 1868	30	Aug.	1, 1898	6 per cent.	6	.....	$6,000 00

FOR WATER WORKS — NEW.

Ordinance No. 6177	June	25, 1867	20	June	25, 1887	6 per cent.	48	$48,000 00	
Ordinance No. 6268	June	25, 1867	20	June	25, 1887	6 per cent.	36	36,000 00	
Ordinance No. 6364	June	25, 1867	20	June	25, 1887	6 per cent.	108	108,000 00	
									$192,000 00

FOR INSANE ASYLUM.

State Act March 2, 1867, and Order of County Court July 27, 1867	July	1, 1867	20	July	1, 1887	7 per cent.	3	.....	3,000 00
									$1,034,000 00

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STATEMENT OF CITY'S BONDED DEBT ON APRIL 11, 1887.

BONDS ISSUED BY THE CITY FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Yrs to run	When Due.	No. Bonds Canc'd	Bonds When Canceled.	An. Int. Coupons in Hands of Board of Fund Commissioners.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ord. 3890	$ 20,000	May 20, 1858	6 per cent.	30	May 20, 1888	5	Nov. 4, 1858			
						10	Nov. 12, 1858		$ 240	$ 4,000
						1	Feb. 1, 1859			
Ord. 3890	50,000	June 2, 1858	6 per cent.	30	June 2, 1888	12	Nov. 4, 1858		2,280	38,000
Ord. 6053	150,000	May 1, 1867	6 per cent.	20	May 1, 1887	2	Apl. 17, 1869			
						8	Apl. 2, 1887	6 mos.	4,200	140,000
Ord. 6053	200,000	June 1, 1867	6 per cent.	20	June 1, 1887	6	Apl. 17, 1869			
						3	Apl. 2, 1887	6 mos.	5,730	191,000
Ord. 6220	200,000	July 1, 1867	6 per cent.	20	July 1, 1887	64	Sept. 20, 1867	6 mos.	4,080	136,000
Ord. 6220	100,000	Aug. 1, 1867	6 per cent.	20	Aug. 1, 1887			6 mos.	3,000	100,000
Ord. 6368	200,000	Jan. 1, 1868	6 per cent.	20	Jan. 1, 1888				12,000	200,000
Ord. 6449	1,000,000	May 1, 1868	6 per cent.	20	May 1, 1888	70	May 19, 1868		55,800	930,000
Ord. 7344	155,000	Feb. 1, 1871	6 per cent.	20	Feb. 1, 1891				9,300	155,000
Ord. 7628	475,000	June 1, 1871	6 per cent.	20	June 1, 1891				28,500	475,000
Ord. 8654	1,074,000	Nov. 1, 1873	6 per cent.	20	Nov. 1, 1893				64,440	1,074,000
* Ord. 8792	372,000	July 1, 1874	6 per cent.	20	July 1, 1894				22,320	372,000
* Ord. 8792	900,000	July 1, 1874	6 per cent.	20	July 1, 1894				54,000	900,000
Ord. 9470	372,000	May 1, 1875	6 per cent.	20	May 1, 1895				22,320	372,000
Ord. 10,017	67,000	May 1, 1875	6 per cent.	20	May 1, 1895	67	May 10, 1877	6 mos. $2,010		
Ord. 10,310	280,000	July 2, 1877	5 per cent.	20	July 2, 1897	280	Jan. 21, 1878	1 yr. 14,000		
Ord. 10,310	113,000	July 2, 1877	5 per cent.	20	July 2, 1897	113	Feb. 26, 1879	2 yrs. 11,300		
Ord. 10,310	18,000	July 2, 1877	5 per cent.	20	July 2, 1897	18	Nov. 26, 1879	2½ yrs. 2,250		
Ord. 10,743	593,000	June 1, 1878	6 per cent.	20	June 1, 1898				35,580	593,000
Ord. 10,743	675,000	Jan. 1, 1879	6 per cent.	20	Jan. 1, 1899				40,500	675,000
Ord. 11,066	476,000	Jan. 1, 1880	5 per cent.	20	Jan. 1, 1900				23,800	476,000
Ord. 11,066	89,000	Jan. 1, 1880	5 per cent.	20	Jan. 1, 1900	89	Jan 15, 1880	3 yrs. 13,350		
Ord. 11,361	548,000	June 1, 1880	5 per cent.	20	June 1, 1900				27,400	548,000
Ord. 11,361	68,000	June 1, 1880	5 per cent.	20	June 1, 1900	68	Jan. 6, 1881	4 yrs. 13,600		
† Ord. 11,700	106,000	Jan. 3, 1883	4 per cent.	20	Jan. 3, 1903	1	Feb. 4, 1882	5 yrs. 21,200		
† Ord. 11,700	77,000	Jan. 2, 1883	4 per cent.	20	Jan. 2, 1903	1	Jan. 24, 1883	6 yrs. 18,480		
† Ord. 11,700	67,000	Jan. 2, 1884	4 per cent.	20	Jan. 2, 1894	1	Jan. 4, 1884	7 yrs. 18,760		
Ord. 12,028	203,000	May 3, 1882	4 per cent.	20	May 3, 1892				8,120	203,000
Ord. 12,485	90,000	Jan. 2, 1883	4 per cent.	20	Jan. 2, 1903				3,600	90,000
† Ord. 12,485	57,000	Jan. 2, 1884	4 per cent.	20	Jan. 2, 1904	1	Jan. 4, 1884	7 yrs. 15,960		
Ord. 13,061	620,000	Feb. 2, 1885	4 per cent.	20	Feb. 2, 1905				24,800	620,000
† Ord. 13,061	64,000	Feb. 2, 1885	4 per cent.	20	Feb. 2, 1905	1	Apl. 15, 1885	9 yrs. 23,040		
† Ord. 13,932	135,000	Mch. 25, 1887	4 per cent.	20	Mch. 25, 1907	1	Apl. 2, 1887	10 yrs. 54,000		
								$212,950	$452,010	$8,292,000

* Interest payable May 1 and November 1, by provision of Ordinance.
† One bond issued to Sinking Fund for total amount.

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FOR IMPROVEMENT OF TOWER GROVE PARK.

Ord. 6606	$346,000	Aug. 1, 1868	6 per cent.	30	Aug. 1, 1898	6	Apl. 2, 1887		$20,460	$340,000

FOR CONSTRUCTION OF PUBLIC SEWERS.

Ord. 3565	$30,000	May 16, 1857	6 per cent.	30	May 16, 1887	4	Dec. 30, 1857			
						2	Jan. 16, 1858			
						1	Feb. 26, 1858			
						1	Jan. 16, 1864	6 mos.	$ 660	$22,000
Ord. 3565	25,000	Aug. 27, 1858	6 per cent.	30	Aug. 27, 1888				1,500	25,000
Ord. 6449	500,000	May 1, 1868	6 per cent.	20	May 1, 1888	3	April 17, 1869		29,820	497,000
Ord. 6995	300,000	Aug. 1, 1869	6 per cent.	20	Aug. 1, 1889	72	Sept. 29, 1869		13,680	228,000
Ord. 7970	200,000	Jan. 1, 1873	6 per cent.	20	Jan. 1, 1893				12,000	200,000
Ord. 8748	200,000	Mar. 1, 1874	6 per cent.	20	Mar. 1, 1894	184	Mar. 10, 1874			
						10	April 1, 1875		360	6,000
Ord. 9470	130,000	May 1, 1875	6 per cent.	20	May 1, 1895				7,800	130,000
									65,820	1,108,000

FOR CONSTRUCTION OF HARBOR AND WHARF.

Ord. 6683	$100,000	Aug. 15, 1868	6 per cent.	20	Aug. 15, 1888	49	Mar. 1, 1869			
						7	Apl. 2, 1887		$2,640	$44,000

FOR WATER WORKS — NEW.

Ord. 6177	$500,000	June 25, 1867	6 per cent.	20	June 25, 1887	48	Apl. 2, 1887	6 mos.	$13,560	$452,000
Ord. 6268	500,000	June 25, 1867	6 per cent.	20	June 25, 1887	36	Apl. 2, 1887	6 mos.	13,920	464,000
Ord. 6364	2,500,000	June 25, 1867	6 per cent.	20	June 25, 1887	106	Apl. 2, 1887	6 mos.	71,760	2,392,000
State Act	450,000	June 25, 1870	6 per cent.	20	June 25, 1890				27,000	450,000
State Act	500,000	Apl. 1, 1872	6 per cent.	20	Apl. 1, 1892				30,000	500,000
State Act	750,000	Apl. 1, 1872	6 per cent.	20	Apl. 1, 1892				45,000	750,000
									$201,240	$5,008,000

FOR REFUNDING WATER PIPE — SPECIAL TAXES.

State Act and Ord. 8747	* $800,000	July 1, 1874	6 per cent.	20	July 1, 1894				$48,000	$800,000

* Interest payable May 1 and November 1, by provision of Ordinance.

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TO PURCHASE REAL ESTATE, ETC.

Authority for Issue.	Am't Issued.	When Issued.	Rate of Interest.	Yrs to run	When Due.	No. Bonds Canc'd	Bonds When Canceled.	An. Int. Coupons in Hands of Board of Fund Commissioners.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ord. 682..... ...	$25,000	Dec. 1, 1840...	5 per cent.	50	Dec. 1, 1890...	.....	.....	.....	$1,250	$25,000
Ord. 1940.....	50,000	July 1, 1845...	6 per cent.	50	July 1, 1895...	5	Sept. 29, 1869..	.....	2,700	45,000
Ord. 3616..... .	1,000	Feb. 1, 1858...	6 per cent.	30	Feb. 1, 1888...	.....	.....	.....	60	1,000
Ord. 3616.....	7,000	Feb. 5, 1858...	6 per cent.	30	Feb. 5, 1888...	.....	.....	.....	420	7,000
Ord. 3616.	8,000	Mar. 6, 1858...	6 per cent.	30	Mar. 6, 1888...	6	Dec. 9, 1858..	.....	120	2,000
Ord. 5780.....	245,000	Apr. 10, 1866 ..	6 per cent.	40	Apr. 10, 1906...	.....	.....	.....	14,700	245,000
Ord. 6219.....	25,000	Sept. 1, 1867...	8 per cent.	20	Sept. 1, 1887...	.....	... .	....	6 mos. 1,000	25,000
Ord. 6368.....	100,000	Jan. 1, 1868...	6 per cent.	20	Jan. 1, 1888...	.....	.....	.....	6,000	100,000
* Ord. 9792.....	50,000	Nov. 17, 1875...	6 per cent.	20	Nov. 17, 1895...	.....	.....	.....	3,000	50,000
Ord. 9470.....	55,000	May 1, 1875...	6 per cent.	20	May 1, 1895...	.....	.....	.....	3,300	55,000
									$32,550	$555,000

* Interest payable May 1st and November 1st, by provision of ordinance.

FOR EQUIPMENT OF FIRE DEPARTMENT.

State Act, Feb. 17, 1875.....	100,000	May 1, 1875...	6 per cent.	20	May 1, 1895...	.....	.....	.....	$6,000	$100,000

FOR STREET IMPROVEMENTS.

Ord. 3668.....	$10,000	June 10, 1857...	6 per cent.	30	June 10, 1887...	.....	.....	.....	6 mos. $300	$10,000

FOR WIDENING STREETS LEADING TO THE BRIDGE.

Ord. 8108.....	* $500,000	Dec. 10, 1872...	6 per cent.	20	Dec. 10, 1892...	6	Jan. 27, 1873..	....	.....	.....
.....	.....	.....	.....	....	.....	10	Oct. 4, 1873..	.....	.....	.....
.....	.....	.....	.....	....	.....	26	Oct. 8, 1873..	.....	.....	.....
.....	.....	.....	.....	....	.....	36	Mar. 10, 1874..	.....	$27,660	$461,000

* Bonds $500 00 each.

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Ord. 13,279.....	$ 950,000	June 1, 1885...	4 per cent.	20	June 1, 1905...	.....	.....	.....	$ 38,000	$ 950,000

BONDS ISSUED BY OLD COUNTY OF ST. LOUIS.

FOR INSANE ASYLUM.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Yrs to run	When Due.	No. Bonds canc'd.	Bonds When Cancelled.	An. Int. Coupons in Hands of Board of Fund Commissioners.	Annual Interest due on Principal.	Amount of Principal outstanding.
State Act, Mch. 2, 1867, and Order of County Court, July 27, 1867.....	$100,000	July 1, 1867....	7 per cent.	20	July 1, 1887....	3	Apl. 2, 1887....	6 mos.	$3,395	$97,000

FOR COUNTY JAIL.

State Act, Mch. 2, 1867, and Order of County Court, Sept. 1, 1868.....	$500,000	Sept. 1, 1868....	7 per cent.	20	Sept. 1, 1888....	.....	.....	.....	$35,000	$500,000

FOR GENERAL COUNTY PURPOSES.

State Act, Mch. 9, 1872, and Order of County Court, Mch. 14, 1872.....	$600,000	June 1, 1872....	6 per cent.	20	June 1, 1892....	.....	.....	.....	$36,000	$600,000
State Act, Mch. 25, 1875, and Order of County Court, Apl. 12, 1875.....	500,000	May 1, 1875....	6 per cent.	20	May 1, 1895....	.....	.....	.....	30,000	500,000
									$66,000	$1,100,000

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FOR RENEWAL.

State Act, Mar. 2, 1867, and Order of County Court, July 1, 1869.....	$100,000	July 1, 1869....	7 per cent.	20	July 1, 1889....	.....	.....	.....	$7,000	$100,000
State Act, Mar. 9, 1872, and Order of County Court, May 2, 1873.....	250,000	July 1, 1873....	6 per cent.	20	July 1, 1893....	.....	.....	.....	15,000	250,000
State Act, Mar. 9, 1872, and Order of County Court, Dec. 19, 1872.....	100,000	Jan. 1, 1874....	6 per cent.	20	Jan. 1, 1894....	.....	.....	.....	6,000	100,000
State Act, Mar. 9, 1872, and Order of County Court, Dec. 14, 1874.....	100,000	Jan. 1, 1875....	6 per cent.	20	Jan. 1, 1895....	.....	.....	.....	6,000	100,000
State Act, Mar. 9, 1872, and Order of County Court, Dec. 12, 1875.....	100,000	Jan. 1, 1876....	6 per cent.	20	Jan. 1, 1896....	.....	.....	.....	6,000	100,000
									$40,000	$650,000

FOR FOREST PARK.

State Act, Feb. 2, 1875, and Order of County Court, Feb. 18, 1875.....	$1,300,000	Apl. 1, 1875....	6 per cent.	30	Apl. 1, 1905....	.....	.....	.....	$78,000	$1,300,000

FOR O'FALLON PARK.

State Act, Mar. 12, 1875, and Order of County Court, Feb. 18, 1875.....	$400,000	Apl. 1, 1875....	6 per cent.	30	Apl. 1, 1905....	.....	.....	.....	$24,000	$400,000

FOR CARONDELET PARK.

State Act, Mar. 12, 1875, and Order of County Court, Feb. 12, 1875.....	$200,000	Apl. 1, 1875....	6 per cent.	30	Apl. 1, 1905....	.....	.....	.....	$12,000	$200,000

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RECAPITULATION OF CITY'S BONDED INDEBTEDNESS.

General Bond Account—"City"—			
For general purposes and renewal bonds	$8,293,000 00		
Real estate, etc.	555,000 00		
Improvement of streets	10,000 00		
		$8,857,000 00	
General Bond Account—"County"—			
Insane asylum	97,000 00		
County jail	500,000 00		
General county purposes	1,100,000 00		
Renewal bonds	650,000 00		
		2,347,000 00	
Bridge approach bond account		461,000 00	
Fire department bond account		100,000 00	
Harbor and wharf bond account		44,000 00	
Park bond account—"County"		1,900,000 00	
Sewer bond account		1,108,000 00	
St. Louis Gas Light Co. judgment bond account		950,000 00	
Tower Grove Park bond account		340,000 00	
Water works, "New" bond account		5,008,000 00	
Water pipe, special tax refunding bond account		800,000 00	
			$21,915,000 00

STATEMENT OF INTEREST ON THE OUTSTANDING BONDED DEBT OF THE CITY AS IT FALLS DUE MONTHLY DURING NEXT FISCAL YEAR.

May, 1887	City and county bonds	$182,440 00	
June, 1887	City and county bonds	104,365 00	
June, 1887	Water bonds "New"	112,740 00	
		$399,545 00	
July, 1887	City and county bonds	77,775 00	
August, 1887	City and county bonds	39,400 00	
September, 1887	City and county bonds	18,740 00	
October, 1887	City and county bonds	64,350 00	
October, 1887	Water bonds "New"	37,500 00	
		101,850 00	
		177,580 00	
November, 1887	City and county bonds		
December, 1887	City and county bonns	98,335 00	
December, 1887	Water bonds "New"	13,500 00	
		111,835 00	
January, 1888	City and county bonds	70,300 00	
February, 1888	City and county bonds	38,400 00	
March, 1888	City and county bonds	17,740 00	
April 1st to 9th, 1888	City and county bonds	57,000 00	
April 1st to 9th, 1888	Water bonds "New"	37,500 00	
		94,500 00	
			$1,145,665 00

STATEMENT OF COUPONS IN HANDS OF FUND COMMISSIONERS FOR SINKING FUND AS THEY FALL DUE MONTHLY DURING NEXT FISCAL YEAR.

May	1887	2,010 00	
June	1887	1,700 00	
July	1887	18,640 00	
August	1887	1,280 00	
September	1887	2,700 00	
December	1887	1,700 00	
January	1888	18,640 00	
February	1888	1,280 00	
March	1888	2,700 00	
			50,650 00

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STATEMENT OF BONDS WHICH MATURE DURING NEXT FISCAL YEAR.

AUTHORITY FOR ISSUE.	DATE OF ISSUE	DATE OF MATURITY.	PURPOSE FOR WHICH ISSUED.	RATE OF INTEREST.	AMOUNT.	TOTAL.
Ordinance No. 6053.....	May 1, 1867...	May 1, 1887..	General purposes and to redeem maturing bonds.	6 per cent.	$140,000 00	.....
Ordinance No. 6053.....	June 1, 1867...	June 1, 1887..	" " " " " " "	6 per cent.	191,000 00	.....
Ordinance No. 6220.....	July 1, 1867...	July 1, 1887..	" " " " " " "	6 per cent.	136,000 00	.....
Ordinance No. 6220.....	Aug. 1, 1867...	Aug. 1, 1887..	" " " " " " "	6 per cent.	100,000 00	.....
Ordinance No. 6368.....	Jan. 1, 1868...	Jan. 1, 1888..	" " " " " " "	6 per cent.	200,000 00	.....
						$767,000 00
Ordinance No. 3616.....	Feb. 1, 1858...	Feb. 1, 1888..	Purchase of real estate, etc.....	6 per cent.	1,000 00	.....
Ordinance No. 3616.....	Feb. 5, 1858...	Feb. 5, 1888..	" " " " "	6 per cent.	7,000 00	.....
Ordinance No. 3616..	Mar. 6, 1858...	Mar. 6, 1888..	" " " " "	6 per cent.	2,000 00	.....
Ordinance No. 6219.....	Sept. 1, 1867...	Sept. 1. 1887..	" " " " "	8 per cent.	25,000 00	.....
Ordinance No. 6368.....	Jan. 1, 1868...	Jan. 1, 1888..	" " " " "	6 per cent.	100,000 00	.....
						135,000 00
Ordinance No. 3668.....	June 10, 1857...	June 10, 1887..	Improvement of streets.....	6 per cent.	.....	10,000 00
Ordinance No. 3565.....	May 16, 1857...	May 16, 1887..	Construction of public sewers.....	6 per cent.	.....	22,000 00
Ordinance No. 6177.....	June 25, 1867...	June 25, 1887..	Water works, "New".....	6 per cent.	452,000 00	.....
Ordinance No. 6268.....	June 25, 1867...	June 25, 1887..	" " "	6 per cent.	464,000 00	.....
Ordinance No. 6364.....	June 25, 1867...	June 25, 1887..	" " "	6 per cent.	2,392,000 00	.....
State Act, Mar. 2, 1867, and order of County Court, June 27, 1867.	July 1, 1867....	July 1, 1887..	Insane asylum.....	7 per cent.	.....	3,308,000 00
						97,000 00
						4,339,000 00

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ANNUAL REPORT

OF THE

CITY TREASURER

For the Fiscal Year ending April 11, 1887.

ST. LOUIS, April 26, 1887.

Hon. D. R. Francis, Mayor:

SIR — In conformity with the law, I herewith submit my annual report of the business transacted in this office for the fiscal year ending with April 11, 1887.

Respectfully,

FRED. F. ESPENSCHIED,
Treasurer.

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ABSTRACT OF THE RECEIPTS AND EXPENDITURES OF THE CITY TREASURER,

FOR THE FISCAL YEAR FROM APRIL 18, 1886, TO APRIL 11, 1887, INCLUSIVE.

DR. *CR.*

1886. April 18...	To balance		$1,851,052 76
1887. April 11...	To Fred W. Mott, Assessor and Collector Water Rates	$ 868,043 10	
	H. Clay Sexton, Collector of Revenue.	4,855,095 56	
	Thomas F. Farrelly, Recorder of Deeds	22,341 10	
	William A. Hobbs, Recorder of Deeds.	7,903 40	
	Martin Neiser, Marshal	23,776 50	
	Andrew Haley, Inspector of Weights and Measures	10,254 55	
	Board of Fund Commissioners	135,118 36	
	Asa B. Ecoff, Boiler Inspector	7,525 00	
	John D. Stevenson, Health Commissioner	32,696 86	
	Gib. W. Carson, Clerk of the Board of Health	339 00	
	Henry Flad, Pres't of the Board of Public Improvements	87 00	
	Robert A. Campbell, Comptroller	93,253 75	
	Louis Kledus, Commissioner of Public Buildings	5,965 00	
	Auguste B. Ewing, Commissioner of Supplies	1,445 10	
	David P. Rowland, Commissioner of Supplies	2,425 65	
	Contract and other Deposits	542,995 52	
	S. L. Nidelet, Coroner	196 89	
	Charles F. Vogel, Clerk of the Circuit Court	7,401 54	
	Philip H. Zepp, Clerk of the Circuit Court	2,615 10	
	Patrick M. Staed, Clerk of the Criminal Court	13,996 45	
	Philip H. Zepp, Clerk of the Court of Criminal Correction.	6,778 00	
	Henry J. Bischoff, Clerk of the 1st District Police Court	94 50	
	William Link, Clerk of the 2d District Police Court	66 00	
	Henry O. Siegmund, Jailor	564 95	
	Miscellaneous Account	40,958 84	
	Eugene F. Weigel, Park Commissioner	801 45	
	Daniel O'Connor Tracy, Register	55 20	
	E. E. Guion, Adreon Scales	212 80	
	John McManus, Bridge Scales	4,499 00	
	August Homan, City Market Scales	1,553 20	

1886. April 18. 1887. April 11..	By abating nuisances on public property and general sanitary measures	$ 10,087 92	
	Assessment of Revenue	65,798 79	
	Assessor and Collector of Water Rates	50,627 53	
	Board of Eng'rs and Boiler Inspector	5,077 65	
	Board of Fund Commissioner	20,676 80	
	Board of Health and Commissioners	37,709 96	
	Board of Public Improvements — President's Department	20,976 85	
	Catching and killing dogs	6,000 00	
	Changing ward boundaries	3,600 00	
	City Dispensary	17,345 67	
	City Hall — Repairs and alterations	2,387 42	
	City Hall — Salaries and current expenses	12,401 91	
	City Hospital	72,733 81	
	City Hospital improvements, alterations and repairs	1,500 00	
	Cleaning levee and removing obstructions	10,322 53	
	Commissioner of Public buildings	12,028 87	
	Commissioner of Supplies	11,363 83	
	Contingent Fund	7,982 74	
	Contract and other deposits	556,795 29	
	Coroner	9,504 29	
	Costs and legal expenses, payable from interest and public Debt Revenue.	545 80	
	Costs and legal expenses, payable from Municipal Revenue	29,257 61	
	Court House — Repairs and alterations	4,640 87	
	Court House — Salaries and current expenses	18,014 39	
	Court House — Electric light illumination during Fair and Exposition	350 00	
	Courts	79,582 78	
	Dog pound	985 00	
	Election and Registration	42,832 10	
	Female Hospital	52,785 98	
	Fire Alarm Telegraph	30,030 87	
	Fire Department	415,480 17	
	Four Courts Building — Repairs and alterations	5,819 99	
	Four Courts Building — Repairs, alterations and improvements, Ord. 13,821	6,299 96	

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H. W. Wiegand, City Market Master	169 65	
J. W. Glassford, North Levee Scales	1,488 50	
Charles G. Hotchkin, South Levee Scales	1,899 40	
A. F. Setzer, Soulard Market Scales	330 00	
Peter Bouchein, South St. Louis Scales	122 60	
W. D. Bennet, Thorp Scales	132 00	
Henry F. Harrington, Sheriff	1,963 58	
State of Missouri	25,086 95	
William Kunz, Superintendent of the Work House	2,904 90	6,721,126 35
		$8,579,179 11

Four Courts Building — Repairing and painting, Ord. 13,702		2,099 00
Four Courts Building — Salaries and current expenses		14,963 78
Fund for numbering houses		5,901 15
Fund for re-drawing map		343 00
Gas light		278,389 12
Gasoline lamps, maintaining		12,939 92
Harbor and Wharf		12,267 83
Harbor Boat		11,148 55
House of Refuge		34,886 56
House of Refuge-improvements and repairs		14,216 17
House of Refuge-furnishing new building		2,726 40
House of Refuge repairs		407 71
Insane Asylum		81,615 35
Insane Asylum, improvements, alterations and repairs		1,500 00
Insurance		1,678 50
Inspector of Weights and Measures		6,586 58
Interest		1,453,440 67
Jail		26,681 41
Jail Repairs		38 45
Judgments, payable from interest and Public Debt Revenue		2,686 78
Judgments, payable from Municipal Revenue		2,757 58
Jury and Witness Fees		39,696 40
Jury Commissioner		4,056 96
Law Department		9,241 51
Making back tax book and bills		1,225 63
Markets		10,543 27
Marshal's Office		19,085 71
Mayor's Contingent Fund		10,000 00
Morgue		2,583 81
Municipal Assembly		31,395 92
Office expenses of Mayor, Comptroller, Auditor, Register and Treasurer		616 31
Opening streets — Expenses		12,903 41
" Boyle avenue.....Ord.	13,428	713 00
" Bartle avenue.....	13,559	6,779 55
" Bartle avenue.....	13,750	4,482 50
" Cabanne street...	13,558	9,417 75
" Alley in Block 3928	13,609	1,319 98
" Right of way for Mill Creek sewer	13,610	5,300 00
" Alley in Block 2346	13,573	2,505 00
" Main street.....	13,424	3,695 00

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ABSTRACT OF THE RECEIPTS AND EXPENDITURES — *Continued.*

1887. April 11 ...	To amount brought forward.....	.....	$8,572,179 11	1887. April 11.	Opening	Twenty-Sixth st..Ord.	13,428	25 00
					"	Alley in Block 2301	13,531	1,158 90
					"	Twenty-Fourth st.	13,561	1,944 66
					"	Triangular strip at Leffingwell and Easton avs. and Wash st.	13,560	2,880 00
					"	Leffingwell av.....	13,426	127 50
					"	Alley in Block 1865	13,315	240 00
					"	Alley in Block 2288	13,659	6,910 75
					"	Easton avenue....	12,941	2,057 80
					"	Alley in Block 1959	13,656	1,433 00
					"	Alley in Block 1818	13,314	72 50
					"	And widening Chestnut st.....	13,756	4,266 20
					"	Grand avenue.....	13,754	18,200 00
					"	Magazine street...	13,752	9,635 00
					"	Ninth street.....	13,755	4,205 00
					"	McCausland road.	13,748	13,220 15
					"	Clayton road.....	13,749	783 40
					"	Vandeventer av...	13,747	2,800 00
					"	Alley in Blocks 1793, 1794 and 1795	13,758	1,561 00
					"	Kosciusko street..	13,751	3,000 00
					"	California avenue.	13,753	5,917 00
					"	Oregon avenue....	13,425	400 00
					"	Alley in Block 3927	13,663	4,240 00
					"	" " " 2341	13,096	15 00
					"	" " " 1033	13,660	532 19
					"	Martin avenue....	13,422	125 00
					"	Alley in Block 811.	13,757	432 25
					"	" " " 3661	13,777	234 83
					"	" " " 3662	13,774	427 70
					"	" " " 4	13,775	3,003 40
					"	" " " 3637	13,776	145 00
					"	" " " 1862	11,139	26 50
					"	" " " 241	13,662	1,852 50
					"	" " " 1859	13,049	33 50
					"	" " " 5	13,244	1,092 07
					"	" " " 3742	13,810	1,916 95
					"	Nebraska street.....		50 84
					"	Alley in Block 3750.Ord.	13,811	1,100 58
					"	" " " 3666	13,778	559 70
					"	" " " 575 E. and 589.....	13,661	195 84

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Park Commissioner	5,291 69
Benton Park	2,504 67
Carondelet Park N. L.	3,754 84
Carr Square	911 39
Forest Park	29,741 59
Gamble place	794 01
Gravois Park	668 18
Hyde Park	2,870 91
Jackson place	606 76
Laclede Park	660 96
Lafayette Park	5,040 04
Lyon Park	1,065 83
O'Fallon Park	2,717 01
St. Louis place	2,063 91
South St. Louis square	856 13
Tower Grove Park	25,000 00
Washington square	1,046 65
Police, salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	483,443 90
Police, all other salaries and current expenses	77,708 60
Police, erection of new stables on Laclede avenue	2,500 00
Police, purchase of lot for station house in 4th district	3,500 00
Poor House	71,637 17
Poor House bakery	21,766 16
Poor House dairy	6,688 21
Printing and stationery for Mayor, Comptroller, Auditor, Register & Treasurer	7,590 97
Purchase of real estate	1,001 10
Quarantine and Small-Pox Hospital	5,068 42
Real estate account	5,559 54
Recorder of deeds	27,415 32
Redemption of bonds	225,000 00
Redemption of bonds, special fund	710,621 79
Relief of James A. Larkin...Ord. 13,703	211 13
" " Anton Vert	183 00
" " Henry Ames & Co. 13,813	200 00
" " Charles H. Groby.. 13,813	500 00
Removal of garbage	18,963 29
Repairs of dykes, wharf and river bank	20,213 61
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer	52,506 07
Scales	6,756 51
Scavenger dumps — Construction and repairs	753 86
Scavenger dumps — Salaries & current expenses	6,792 00

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ABSTRACT OF THE RECEIPTS AND EXPENDITURES — *Continued.*

1887. April 11....	To amount brought forward		$8,572,179 11	1887. April 11.	Sec. 16, Twp. 45, R. 7, East..Ord. 11,062	1,259 28	
					Sewer — Contract account	96,445 19	
					Sewers — Salaries, current expenses & repairs	42,692 72	
					Street and alley — Contract account	42,542 16	
					" Bridges and culverts — Contract account	117,688 43	
					" Bridges and culverts — Miscellanies and repairs	22,507 74	
					" Cleaning — Floating dumps	6,816 77	
					" Cleaning — Floating dumps, construction	5,065 75	
					" Cleaning — Labor and carts	119,713 93	
					" Cleaning — Stone, wood blocks and asphaltum pavements	41,499 87	
					" Commissioners' Department	44,877 15	
					" Grades and Surveys	5,993 67	
					" Repairs — Macadam and other material	125,012 21	
					" Repairs — Miscellaneous expenses	89,814 70	
					" Repairs — Salaries	18,309 45	
					" Repairs — Reconstructed streets	14,138 01	
					" Reconstruction — Contract account	18,264 12	
					" Reconstruction — Special tax against city property	23,821 51	
					Streets, special service	3,988 78	
					Water pipe — Contract account	159,637 25	
					Water Works	245,016 79	
					" " Special tax against reservoir property	1,376 97	
					" " Extension — High service Eng. No. 5	49,949 01	
					" " Extension — No. 4 pump main	848 51	
					" " Extension — Salaries and expenses	8,390 85	
					" " Extension — Stand pipe and tower	17,140 19	
					Witness and other fees — Special fund.	268 30	
					Work House	47,922 53	$7,150,141 47
			$8,572,179 11		Balance		$1,422,037 64
1887. April 11....	To balance		$1,422,037 64				$8,572,179 11

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					$1,422,037 64

ST. LOUIS, April 11, 1887.

The following is a report of the condition of the City Treasury:

In City Treasury notes, new	$73 75	
" City Treasury notes, old	13 00	
" Coupons	5,280 00	
" Bank	1,344,230 81	
" Checks	66,789 54	
" Bank Notes	6,046 00	
" Specie	1,576 17	
" Jury Warrants	125 00	$1,424,834 27
Less amount due on Pay-Rolls		2,796 63
		$1,422,037 64

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TENTH ANNUAL REPORT

OF THE

LAW DEPARTMENT OF THE CITY OF ST. LOUIS,

COVERING THE FISCAL YEAR ENDING APRIL 11, 1887.

OFFICE OF THE CITY COUNSELLOR,
ST. LOUIS, April 12th, 1887.

Hon. David R. Francis, Mayor:

Sir — The tenth annual report of the law department of the city government, embracing the fiscal year that terminated with the close of business on the 11th inst., is respectfully submitted pursuant to section 47, of article 4, of the city charter.

The proceedings in the courts during the year were as follows:—

ST. LOUIS CIRCUIT COURT.

April 15, 1886. — Canman *vs.* St. Louis, No. 69,801, room 2, action to recover $12,000 damages by reason of obstruction of West Jefferson avenue, judgment for $500, and case appealed to the Supreme Court where it is now pending.

April 21, 1886. — Kennell *vs.* St. Louis, No. 69,740, room 2, action to recover $10,000 damages by reason of obstruction of West Jefferson avenue, judgment for $500, and plaintiff's motion for a new trial sustained. The second trial took place on November 11, 1886, judgment for $1,750, and case appealed to the Supreme Court where it is now pending.

April 28, 1886. — Campbell (city comptroller) *vs.* Pope, No. 69,841, room 3, action on appeal bond to make good amount paid by the city in Grogan *vs.* Pope Iron and Metal Company, judgment for defendant, and case appealed to the Supreme Court where it is now pending.

May 1, 1886. — Norton *vs.* St. Louis, No. 67,137, room 3, action to recover $10,000 for falling on the ice on the sidewalk at 2804 Locust street on February 28, 1885, judgment for $1,000 and case appealed to the Supreme Court where it is now pending.

May 5, 1886. — Edler *vs.* St. Louis, No. 69,723, room 4, action to recover $10,000 by reason of the obstruction of West Jefferson avenue, judgment for $250, and case appealed to the Supreme Court where it is now pending.

May 12, 1886. — Hoyt *vs.* St. Louis, No. 69,489, room 1, action to recover $20,000 damages for flooding plaintiff's land adjoining the Female Hospital grounds, judgment for defendant.

May 13, 1886. — Forbes *vs.* St. Louis, No. 69,802, room 4, action to recover $6,000 by reason of the obstruction of West Jefferson avenue, judgment for $250, and case appealed to the Supreme Court where it is now pending.

May 17, 1886. — Francis (Mayor) *vs.* Blair *et al.* (Police Commissioners) No. 70,787, room 5, action for an injunction to prevent defendants from interfering with the authority of the plaintiff as *ex officio* president of the police board, injunction refused and judgment for defendants. Case appealed to the Supreme Court where on June 21, 1886, the judgment was reversed and the injunction ordered. On February 23, 1887, final judgment for plaintiff awarding perpetual injunction as prayed, and case appealed to the Supreme Court by the defendants where it is now pending.

May 24, 1886. — Manne *vs.* St. Louis, No. 69,833, room 4, action to recover $3,000, by reason of the obstruction of West Jefferson avenue, judgment for defendant. Owing to the death

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of Circuit Judge Horner during the pendency of the plaintiff's motion for a new trial, the motion was sustained. The second trial took place on December 23, 1886, and resulted in a judment for $487.50, and case appealed to the Supreme Court where it is now pending.

June 1, 1886. — St. Louis *vs.* Union Depot Railway Company, No. 68,679, room 1, action to enjoin the defendant from further using the streets of St. Louis on the ground that its franchise so to do had terminated and expired by limitation, judgment for the defendant.

June 2, 1886. — Fairchild *vs.* St. Louis, No. 69,723, room 4, action for $10,000 for damages on account of the obstruction of West Jefferson avenue, judgment for $460, and case appealed to the Supreme Court where it is now pending.

July 6, 1886. — Connecticut Mutual Life Insurance Company *vs.* St. Louis, *et al.*, No. 64,594, room 3, action to restrain the city government from removing a building of plaintiff's which obstructs the sidewalk on the south side of Market street west of Twentieth street, temporary injunction dissolved and final judgment for defendants, and case appealed to the Supreme Court where it is now pending.

July 10, 1886. — Fruin *vs.* St. Louis Gaslight Company and City of St. Louis, No. 56,331, room 2, action to recover an amount claimed for lamp lighting during the term of the receiver, dismissed by plaintiff.

July 31, 1886. — Glæssner *vs.* St. Louis, *et al.*, No. 70,610, room 2, action to restrain all operation under ordinance 13,616, authorizing the Anheuser-Busch switch, judgment for plaintiff and case appealed to the Supreme Court where it is pending.

October 12, 1886. — St. Louis *vs.* Stolle, No. 62,043, room 4, action to recover $250 for taking stone from the alley in block 238, settled by delivery of macadam to the street commissioner, judgment for one cent.

November 8, 1886. — Deis *vs.* St. Louis, *et al.*, No. 66,843, room 4, action for $5,000 for death of plaintiff's son said to have been caused by defect in street at Fourth and Almond on September 11, 1884, judgment for $300 which is paid and satisfied.

November 12, 1886. — Roth *vs.* Meyer (agent acting for the city), No. 67,685, room 4, action for $1,000 for filling plaintiff's well under orders of the street commissioner, judgment for $5, which is paid and satisfied.

November 19, 1886. — Dinkelman *vs.* Turner (street commissioner) No. 67,662, room 4, action to restrain the destruction of plaintiff's well on Ninth and Biddle streets, case dismissed by plaintiff.

November 27, 1886. — McLaran *vs.* St. Louis, No. 71,743, room 2, action to recover $3,040 damages allowed in the opening of Cabanne street, and St. Louis *vs.* McLaran, *et al.*, No. 72,031, room 4, action to restrain the prosecution of the before mentioned case, both cases are dismissed, the controversy having been adjusted.

November 29, 1886. — St. Louis *vs.* Schulenburg and Boeckler Lumber Company, No. 56,482, room 1, ejectment to recover a lot of ground in the north wharf judgment for plaintiff, and case appealed to the Supreme Court where it is now pending.

November 30, 1886. — Kilwinski *vs.* St. Louis, *et al.*, No. 66,596, room 3, action to recover $5,000, for death of plaintiff's son who was drowned on July 21, 1884, in a pond abutting on Warren street, between Twenty-third and Twenty-fifth streets, judgment for the city.

December 7, 1886. — Cole *vs.* Clement and the City, No. 69,257, room 5, and Marli, *et al.*, *vs.* St. Louis, *et al.*, No. 69,698, room 5, these cases are equitable garnishment involving the sum of $1,000 which the city has in its treasury as part of the purchase money due Clement for ground sold by him to the city, the cases are consolidated, the city pays said sum of money into court, and is discharged from further liability touching the same.

December 7, 1886. — State *ex rel.*, Tracy (city register) *vs.* Taaffe, No. 71,831, room 4, *mandamus* to compel the defendant to deliver to plaintiff the books and records belonging to the office of justice of the fifth district; peremptory *mandamus* ordered, case appealed to St. Louis Court of Appeals, where it is now pending.

December 27, 1886. — Weber *vs.* Schergens, *et al.*, and City of St. Louis, No. 64,742, room 5, action to correct a special tax bill, judgment for defendants, case appealed to the Supreme Court, where it is pending.

January 22, 1887. — State, etc. *vs.* Finn, *et al.*, No. 60,445, room 5, action to recover fees due from sheriff in back tax cases, judgment for $639.35.

January 26, 1887. — Finch *vs.* St. Louis, *et al.*, No. 70,815, room 3, action for $10,000 damages for injuries sustained in falling on sidewalk at Broadway and Washington avenue on February 15, 1886, during the progress of the case the plaintiff dismisses as to the City of St. Louis.

February 10, 1887. — St. Louis *vs.* Clabby, No. 54,480, room 3, action to recover fees collected by the defendant as clerk of the St. Louis Criminal Court, judgment for $189.50.

February 18, 1887. — Michel Plant and Seed Company *vs.* St. Louis, No. 72,294, room 3, action to recover $265.50 for material furnished the building commissioner for the court house; case dismissed by plaintiff.

March 8, 1887. — McLaran *vs.* St. Louis, No 71,618, room 2, action to recover $10,000 damages for change of grade of alley in city block 29; case dismissed by plaintiff.

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March 15, 1887. — Howard *vs.* St. Louis, No. 58,389, room 4, action to recover $450 as resident physician at insane asylum for months of February, March and April, 1877; judgment for $87.58, which is paid and satisfied.

March 21, 1887. — Wilkinson *vs.* St. Louis, No. 46,000, room 2, action of ejectment to recover block of ground in the south wharf between Picotte and Trudeau streets; judgment for defendant.

April 5, 1887. — City of St. Louis *vs.* O'Gorman, *et al.*, No. 69,473, room 5, action on bond given under ordinance 11,326, to compel the alley in block 1085 to be filled; dismissed on recommendation of the street commissioner that the filling has been made.

ST. LOUIS COURT OF APPEALS.

October 26, 1886. — State, etc., *vs.* Flad, *et al.* (Board of Public Improvements), judgment below awarding a peremptory *mandamus* compelling defendants to issue a permit to erect telephone poles in the streets is affirmed.

SUPREME COURT OF MISSOURI.

May 17, 1886. — Howard *vs.* St. Louis, the plaintiff recovered in the court below a judgment for $480.37, his salary as resident physician at the insane asylum for the months of February, March and April, 1887. The Supreme Court held that he was only entitled to the salary for the last eleven days of said period. Reversed and remanded.

May 17, 1886. — St. Louis *vs.* Gleason, action to open Benton street from Jefferson avenue to Garrison avenue; reversed and remanded for further proceedings.

May 17, 1886. — St. Louis *vs.* Priest, action to divest title to certain ground in the St. Louis commons; the judgment below in favor of the defendant is affirmed.

May 17, 1886. — State, etc., *vs.* Smith (city auditor), *mandamus*, in which it is held that the city auditor cannot be compelled to audit a voucher for expenditures by the police board, unless the same is itemized.

May 17, 1886. — St. Louis *vs.* Wiggins Ferry Company, ejectment for property in the north wharf extending from Bogy to Mound streets; judgment below in favor of the city is affirmed.

May 17, 1886. — Mitchell *vs.* St. Louis (two cases), actions for injuries to real estate by the Twelfth street bridge; judgments below in favor of the plaintiffs are affirmed.

May 17, 1886. — St. Louis *vs.* Lindell Railway Company, action to restrain defendant from laying a certain class of rail; judgment below in favor of defendant is affirmed.

May 17, 1886. — St. Louis *vs.* Clabby, action to recover fees collected by defendant as clerk of the criminal court; the judgment below against the city is reversed and cause remanded.

June 7, 1886. — Carrington *vs.* St. Louis, the judgment below against the city for injuries received py plaintiff at the police station at Ninth and Angelica streets is affirmed.

June 21, 1886. — Francis (mayor) *vs.* Blair *et al.* (police commissioners), injunction to restrain defendants from interfering with the mayor's control of the police force is directed to issue, and judgment below adverse to the mayor is reversed and cause remanded.

June 21, 1886. — St. Louis *vs.* St. Louis Railroad Company, the ordinance compelling street railroads in St. Louis to make quarterly returns to the city register of number of trips made and number of passengers carried is declared to be valid, and judgment below in favor of the city for violation of said ordinance is affirmed.

November 15, 1886. — State, etc., *vs.* O'Brien (city assessor), writ of *certiorari* questioning the validity of the assessment of real estate owned by William D. Griswold is dismissed, the assessment being held to be valid.

November 15, 1886. — *In re* Boeninghausen, *habeas corpus*, questioning the validity of the dairy ordinance, the prisoner is remanded to the workhouse.

November 15, 1886. — State, etc., *vs.* City Council; the judgment of the court below, holding the proceedings of the council removing George Denison from the office of judge of the second district police court invalid, is affirmed.

December 6, 1886 — Harney *vs.* St. Louis, judgment below against the city for $23,747.96, as the share of plaintiffs in the city market enterprise, is reversed and cause remanded.

December 6, 1886. — St. Louis *vs.* Connecticut Mutual Life Insurance Company, action of ejectment to recover the sidewalk on the west side of Jefferson avenue south of Morgan street; judgment below in favor of the company is affirmed.

December 6, 1886. — Cummings *vs.* St. Louis, the judgment below restraining the city from selling Exchange Square is affirmed.

December 6, 1886. — State, etc., *vs.* Board of Health, the judgment below in favor of the Board of Health proceeding to abolish a brick yard as a nuisance is affirmed.

December 20, 1886 — Brennan *vs.* St. Louis, the judgment below in favor of the plaintiff for injuries sustained by falling on a sidewalk in the southern part of the city is affirmed. A motion for a rehearing is pending and undetermined.

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January 31, 1887. — St. Louis *vs.* Spiegel, the judgment below sustaining the validity of the meat shop ordinance is reversed.

February 14, 1887. — St. Louis *vs.* Withaus, the judgment below holding the heavy traffic ordinance to be invalid is affirmed.

February 14, 1887. — St. Louis *vs.* Juppier, action on a special tax bill for benefits in an alley opening proceeding, the judgment below adverse to the city is affirmed.

February 14, 1887. — St. Louis *vs.* Giradi, the judgment below in favor of the defendant in a prosecution for violating the dram shop law is affirmed.

SUPREME COURT OF THE UNITED STATES.

December 13, 1886. — Campbell *vs.* Laclede Gaslight Company, ejectment for property in the north wharf adjoining Mullanphy street; the judgment below adverse to Campbell, under whom the city claims, is affirmed.

The business of the department other than that above set out has been of the usual character and needs no special mention.

Your obedient servant,

LEVERETT BELL.

City Counsellor.

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ANNUAL REPORT

OF THE

PRESIDENT BOARD OF ASSESSORS.

1887.

OFFICE OF THE ASSESSMENT OF THE REVENUE
OF THE CITY OF ST. LOUIS,
ST. LOUIS, April 21, 1887.

Hon. David R. Francis, Mayor:

SIR — I have the honor to herewith submit the annual report of the Department of the Assessment of the Revenue for the fiscal year ending April 11, 1887: —

ABSTRACT OF EXPENDITURES.

ITEMS OF EXPENSE.	Total Expense
Pay-rolls — President Board of Assessors, Chief Deputy, Deputies, Draughtsmen and Clerks	$45,421 35
Pay-rolls — District Assessors	16,200 00
Pay-rolls — Board of Equalization	672 00
Pay-rolls — Clerks comparing tax books and tax bills in Comptroller's office	572 54
Books, Blanks and maps	1,652 90
Furniture, Repairs, etc	109 60
Printing and Stationery	1,004 34
Advertising, Board of Equalization	60 62
Office Expenses	20 00
Grand Total	$65,718 35

ABSTRACT OF VALUES FOR THE CITY OF ST. LOUIS.

OLD LIMITS.

OBJECT TAXED.	Number of.	Valuation of.
Lands, acres	1,112.72	$ 2,427,630
Town lots	64,523	159,573,020
Total Real Estate		162,000,650
Horses	14,204	$ 883,050
Mules	3,204	168,670
Cows	3,750	73,380
Sheep	56	130
Hogs	170	650
Other live stock		140
Money		1,885,600
Notes and Bonds		8,927,300
Brokers and Exchange Dealers		66,950
Corporate Companies		10,961,870
Steamboats, Individual		46,250
Steamboats, Corporate		768,920
Foreign Insurance Companies		1,278,410
Other Personal Property		8,933,870
Total Personal Property		$28,945,190
Total Real and Personal		$190,945,840

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NEW LIMITS.

OBJECT TAXED.	Number of.	Valuation of.
Lands, Acres	17,198.66	$ 6,769,110
Town lots	22,358	15,359,060
Total Real estate		$22,128,170
Horses	3,776	$ 212.780
Mules	686	41,060
Cows	4,972	114,770
Sheep	22	80
Hogs	1,432	6,150
Other live stock		280
Money		92,104
Notes and Bonds		438,290
Other Personal Property		1,319,290
Total Personal Property		$2,125,080
Total Real and Personal		$24,253,250
Grand Total Old and New Limits		$215,199,090

The total assessment of the City of St. Louis for the year 1876, the year previous to the enforcement of the Scheme and Charter, was $166,441,110. For the same year the County of St. Louis was assessed at $38,896,450. For the ensuing years the total assessments of the city were as follows:—

ABSTRACT OF VALUES FROM 1877 TO 1886.

YEAR.	Real.	Personal.	Total.
1877	$148,012,750	$33,332,810	$181,345,560
1878	140,976,540	31,853,440	172,829,980
1879	136,071,670	27,742,250	163,813,920
1880	135,824,980	27,668,020	160,493,000
1881	139,897,470	27,466,760	167,364,230
1882	161,679,250	30,040,280	191,719,530
1883	161,621,790	29,900,700	191,522,490
1884	178,592,980	33,221,960	211,814,940
1885	177,857,240	30,053,110	207,910,350
1886	185,025,060	30,996,080	216,021,140

Most respectfully,

JOHN J. O'BRIEN,

President Board of Assessors.

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ANNUAL REPORT

OF THE

INSPECTOR OF WEIGHTS AND MEASURES

For the Fiscal Year Ending April 9, 1887.

OFFICE OF CITY INSPECTOR OF WEIGHTS AND MEASURES,
CITY HALL, ST. LOUIS, April 9, 1887.

Hon. David R. Francis, Mayor of St. Louis:

DEAR SIR — I herewith respectfully submit my annual report of the receipts and disbursements of the office of Inspector of Weights and Measures for the fiscal year commencing April 13th, 1886, and ending April 9th, 1887, together with a statement of the number of scales and measures inspected during the year:—

Amount collected and turned into the City treasury by me from April 14th, 1886, to April 9th, 1887, inclusive	$10,254	55
Expenses of the office for year ending April 9th, 1887:—	6,399	60
Salaries of Inspector and assistants	6,399	60
Printing and stationery	54	40
Steel stamps and supplies	62	58
Repairs and office expenses	30	95
Total drawn a against appropriation	$6,547	58
Amount collected over and above expenses of office for the year ending April 9th, 1887	3,707	02

During the year there were 418 liquid measures, 510 dry measures and 290 scales condemned. There were six prosecutions in the Police Court during the year for using measures with false bottoms.

Respectfully submitted,

ANDREW HALEY,
Inspector of Weights and Measures.

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ANNUAL REPORT OF INSPECTOR OF WEIGHTS AND MEASURES.

FOR FISCAL YEAR ENDING APRIL 9, 1887.

Day of Month.	Charcoal Measures.	No. Sets Liquid Measures.	No. Odd Liquid Measures.	No. Sets Dry Measures.	No. Odd Dry Measures.	No. Spring Balance.	No. Counter.	No. Beams.	No. Platform.	No. Floor.	No. Depot.	No. Wagon.	No. Track.	No. Stock.	No. Hopper.	No. Yard Stick.	Dollars.
1886.																	
April	10	17	153	16	626	67	122	11	64	23	45	29	14	.....	.....	5	$393 75
May	4	30	371	21	1001	34	63	1	23	24	.....	16	1	.....	4	1	195 75
June	14	40	1090	93	934	101	418	40	183	326	.....	9	.....	.....	1	12	830 50
July	19	193	1718	170	2855	207	1294	6	260	156	1	54	1	.....	.....	162	1,077 65
August	21	203	1392	98	2225	218	1084	7	220	81	.....	65	3	.....	.....	157	925 30
September	18	140	1277	97	1735	101	733	17	183	83	.....	109	6	.....	2	112	850 65
October	1	105	612	54	2134	125	466	12	126	66	39	77	10	.....	38	249	904 15
November	32	40	149	27	395	169	216	4	74	28	23	33	13	.....	38	546	553 00
December	9	16	1268	26	394	107	538	2	200	317	.....	7	1	.....	.....	21	876 95
1887.																	
January	15	201	1840	204	1290	180	1203	18	320	162	.....	22	.....	1	.....	125	1,142 20
February	4	60	2119	96	1570	130	1012	20	240	90	.....	110	3	2	.....	175	987 75
March	6	69	2140	115	1240	141	911	37	201	96	40	62	7	4	9	750	990 90
To April 12	42	.....	220	18	140	140	40	.....	18	16	15	25	5	.....	44	480	526 00
	195	1114	14349	1030	16839	1720	8110	175	2117	1468	163	619	64	7	136	2745	$10,254 55

ANDREW HALEY,

Inspector of Weights and Measures.

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ANNUAL REPORT

OF

H. CLAY SEXTON,

COLLECTOR OF THE REVENUE

OF THE

CITY OF ST. LOUIS,

For the Fiscal Year Ending April 11th, 1887.

St. Louis, April 30th, 1887.

Hon. D. R. Francis, Mayor:

Dear Sir — In pursuance of the provisions of Section 47, Article 4, of the City Charter, I have the honor to submit my annual report of the Collections of City, State, and School revenue, for the fiscal year ending April 11th, 1887, and the disbursements thereof, as follows: —

COLLECTIONS FOR THE STATE.

TAX AND INTEREST.

Current taxes for 1886	$773,758 76	
Back taxes for 1885	38,733 96	
" " " 1885 and 1886	11,356 94	
" " " 1865 to 1884 inclusive	12,809 30	
Delinquent personal for 1886	450 72	
" " " 1885	3,129 44	
" " " 1884	561 36	
" " " 1883	212 30	
" " " 1882	74 76	
" " " 1881	42 86	
" " " 1880	31 46	
" " " 1879	2 90	
" " " 1878	17 12	
" " " 1877	2 00	
		$840,683 88

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STATE LICENSES.

Merchants	$63,957 80	
Manufacturers	53,177 00	
Brokers	1,650 00	
Peddlers	1,549 00	
Auctioneers	1,035 00	
Billiards	940 00	
Dramshops	86,833 20	
		$209,142 00
Total collections for the State		$1,049,825 88

COLLECTIONS FOR THE PUBLIC SCHOOLS.

TAXES AND INTEREST.

Current taxes for 1886	$779,435 89	
Back taxes for 1885	38,735 05	
" " " 1885 and 1886	11,356 95	
" " " 1865 to 1884, inclusive	12,124 35	
Delinquent personal for 1886	460 56	
" " " 1885	3,196 63	
" " " 1884	617 60	
" " " 1883	248 32	
" " " 1882	80 27	
" " " 1881	48 12	
" " " 1880	35 32	
" " " 1879	3 29	
" " " 1878	19 26	
" " " 1877	1 00	
		$846,362 61
Total collections for the Public Schools		$846,362 61

COLLECTIONS FOR THE CITY—TAXES AND INTEREST.

Current taxes for 1886	$3,142,491 98	
Back " " 1885	149,254 80	
" " " 1885 and 1886	44,397 27	
" " " 1865 to 1884 incl	46,486 74	
Delinquent personal for 1886	1,776 86	
" " " 1885	11,852 84	
" " " 1884	2,278 04	
" " " 1883	889 81	
" " " 1882	223 23	
" " " 1881	153 28	
" " " 1880	121 94	
" " " 1879	13 05	
" " " 1878	75 43	
" " " 1877	3 85	
		$3,400,018 62

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COLLECTIONS FOR THE CITY ON ACCOUNT OF LICENSES AND MISCELLANEOUS COLLECTIONS.

Auctioneers	$ 3,240 00	
Banks and brokers	4,375 00	
Commission merchants	18,825 00	
Dogs	11,635 25	
Dramshops	756,209 80	
Hotels and boarding houses	1,378 00	
House of Refuge	4,580 58	
Insurance	19,742 00	
Insane account	1,788 82	
Junkshops and wagons	2,400 35	
Miscellaneous	6,688 62	
Manufacturers	105,939 85	
Merchants	162,703 00	
Markets	35,801 80	
Merchandise brokers	2,616 65	
Opening streets	125,932 62	
Ordinaries	3,706 60	
Peddlers and hawkers	15,758 65	
Pawnbrokers	4,600 00	
Photographers	760 75	
Rents	3,875 85	
Real estate	8,108 35	
Register's fees	4,545 50	
Railroad ticket brokers	700 00	
Street railroads	10,668 75	
St. Louis County	2,049 05	
Theaters, exhibitions, etc	3,050 00	
United States, jail acct.	1,978 80	
Vehicles	87,914 40	
Weighers tickets	15,329 78	
Wharfage	69,564 87	
Workhouse	1,067 47	
		$1,496,480 66
Total collections for the City		$4,896,499 28[6]
Commissions on back and delinquent personal taxes		7,781 52

RECAPITULATION.

COLLECTIONS FOR THE STATE —			
Taxes and interest	$840,683 88		
Licenses	209,142 00		
		$1,049,825 88	
COLLECTIONS FOR THE PUBLIC SCHOOLS —			
Taxes and interest		$846,362 61[8]	
COLLECTIONS FOR THE CITY —			
Taxes and interest	3,400,018 62[6]		
Licenses and miscellaneous collections	1,496,480 66		
		$4,896,499 28[6]	
Commissions collected on back and delinquent personal taxes		7,781 82	
			$6,800,469 10[4]
Total collections for State, School and City			$6,800,469 10[4]

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DISBURSEMENTS.

Amount paid into the State treasury.		$1,039,281 43	
" " " " public school treasury		842,060 59	
Amount paid into the City treasury ..		4,830,897 81	
		$6,712,239 83	
Commissions on currrent taxes, State and City —			
Licenses and miscellaneous collections	80,448 45⁴		
Commissions on back and delinquent personal taxes	7,781 32		
		88,229 77⁴	
			$6,800,469 10⁴

COMMISSION ACCOUNT.

Commissions on current taxes, State and City. —		
Licenses and miscellaneous collections	$80,448 45⁴	
Commissions on back and delinquent personal taxes	7,781 32	
		$88,229 77⁴

DISBURSEMENT OF COMMISSIONS.

Salaries of collector and deputies....		$48,917 95	
EXPENSES: —			
Stationary, printing, repairs and investigation of titles on back tax bills		7,845 61	
Surplus commissions paid over as follows: —			
To the State	$ 4,863 58		
" " public schools	3,928 39⁴		
" " City	22,674 24		
		$ 31,466 21⁴	
			$88,229 77⁴

Respectfully submitted,

H. CLAY SEXTON,
Collector of the Revenue.

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ANNUAL REPORT

OF THE

BOILER INSPECTOR

For the Fiscal Year ending April 11th, 1887.

ST. LOUIS, April 12th, 1887.

Hon. David R. Francis, Mayor of St. Louis:

SIR — I herewith respectfully submit my annual report of the receipts and disbursements of this office for the fiscal year ending April 11th, 1887, together with a statement of the number of boilers inspected, and also a statement of the work performed by the Board of Engineers, viz. —

Total amount collected and paid into the Treasury	$7,525 00
Total amount of appropriation	5,100 00
Collected over and above appropriation	$2,425 00

EXPENSES OF THE OFFICE.

Pay-roll, Inspector, Deputy and Clerk	$3,600 00
Pay-roll Board of Engineers	416 00
Apparatus and repairs	16 15
Horse and Hire	167 50
Stabling, Shoeing, etc	612 50
Harness and repairs	16 15
Wagon and repairs	93 00
Office expenses, "Furniture, etc."	75
Printing and Stationery	102 65
Total	$5,024 70

RECAPITULATION.

Total amount paid into Treasury	$7,525 00
Total amount certificates on hand to be collected	245 00
Total	$7,770 00
Total Expenses	5,024 70
Total over and above expenses	$2,745 80

Number of boilers inspected and paid for	1,489	$7,445,00
Number of boilers inspected carried over from last year.	16	80 00
Number of boilers inspected to be collected for	49	245 00
Number of boilers inspected at City Institutions, and not paid for	24	120 00
Totals	1,578	$7,890 00

Number of boilers condemned as unsafe, 5.
Number of boilers exploded, 2.

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BOILERS INSPECTED AT CITY INSTITUTIONS, Viz.:

Four Courts	3	Female Hospital	3
Court House	2	Poor House	3
Work House	2	Forest Park Pump	1
City Hospital	3	House of Refuge	4
Insane Asylum	3		
		Total	24

Total number of boilers inspected during the fiscal year ending April 11th, 1887	1,562	$7,810 00
Total number of boilers inspected during the fiscal year ending April 12th, 1886	1,506	7,530 00
Increase	56	$280 00

BOARD OF ENGINEERS.

Number of licensed Engineers in the city	978
Number of persons who applied for licenses	226
Number of persons who were qualified	69
Number of Special permits issued	29

All of which is respectfully submitted.

I have the honor to be Sir, Your Obt. Servant,

A. B. ECOFF,

Boiler Inspector and Secretary Board of Engineers.

SAMUEL J. WEAVER,
THEODOR I. BLUME,
Members of Board of Engineers.

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ANNUAL REPORT

OF THE

ST. LOUIS WORK-HOUSE

FOR THE

YEAR 1886–1887.

CITY WORK-HOUSE, April 23, 1887.

Hon. D. R. Francis, Mayor:

SIR —Herewith I have the honor to submit to you the annual report of the management of this Institution, for the fiscal year ending April 11th, 1887.

The annual appropriation for the year was $50,800.00, the gross expenses during the year were $49,313.37, leaving a balance of $1,486.63 to be returned to the general fund.

The gross receipts and earnings during the year were $56,843.82, which after deducting the expenditures, leaves a balance of $7,530.45 in favor of the Institution.

No change has been made in the general work of inmates and a large amount of work has been done, boath in the quarry and in grading, shaping streets and alleys, also the repairing of carts, wagons, tools, shoes, etc., by the males, and making brushes, sewing, laundry work, etc. by the females.

The different buildings at this Institution are now very old and in constant need of repairs, which has been done altogether by the prisoners and by careful watching are made as healthy and clean as possible.

Reference has been made in the several preceding reports of the greatly over-crowded condition of the prison at different times. I deem it no more than fair to say, when prisoners are expected and do accomplish the work that these men do, they should have a comfortable and not over-crowded place to rest at night; such cannot be the case, when the cells which have accommodation for eight, are crowded with ten and sometimes twelve prisoners.

The behavior of the prisoners has been with a few exceptions very good during the year, and considering the large number confined has been remarkably healthy, Dr. Dalton and assistants having rendered prompt and valuable assistance when needed.

Thanking you most sincerely for your kind assistance during the past year I respectfully refer you to the statements annexed, for any further information as to the affairs of the Institution.

W. KUNZ,
Superintendent.

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Financial Statement of the St. Louis Work-house, for the Fiscal Year Ending April 11, 1887.

APPROPRIATIONS AND EXPENDITURES.

By appropriation, Ordinance No. 13,684		$50,800 00
To expenditures	$49,313 37	
To balance returned to general fund	1,486 63	
	$50,800 00	$50,800 00

RECEIPTS AND EARNINGS.

By receipts and earnings		$56,843 82
To expenditures	49,313 37	
To excess of receipts over expenditures	7,530 45	
	$56,843 82	$56,843 82

DETAILED STATEMENT OF RECEIPTS AND EARNINGS.

By fines and fees collected	$2,886 80
By sale of rags	9 25
By sale of hides	7 85
By sale of old iron	1 00
By earnings of brush factory	1,669 01
By macadam furnished Street Department	21,279 71
By macadam furnished Water Department	92 77
By rip-rap furnished Water Department	74 33
By rip-rap furnished Street Department	2,270 24
By spawls furnished Harbor and Wharf Department	405 10
By rip-rap furnished Harbor and Wharf Department	536 76
By grading done for Harbor and Wharf Department	2,261 60
By grading done for Street Department	25,086 90
By grading done for Female Hospital	262 50
	$56,843 82

DETAILED STATEMENT OF EXPENDITURES.

To officers and employees salaries	$17,215 80
To groceries and provisions	3,058 99
To fuel	1,258 72
To cordage and tackle	14 50
To dry goods and notions	1,047 51
To shoes and shoemakers' supplies	1,207 46
To drugs	188 95
To meat and fish	8,522 10
To bread	7,523 79
To brick, lime and cement	71 05
To forage	3,377 44
To plants and seeds	2 20
To house furnishing goods, carpets, etc	268 49
To gas	785 78
To printing and stationery	61 55
To hardware and tools	542 73
To guns, ammunition and repairs	36 67
To repairs to buildings and improvements	113 37
To plumbing and gas fitting	94 49
To straw	197 49
To medical attendance for live stock	57 00
To lumber	214 48
To paints, oils and brushes	198 50
To horses, mules and cows	1,299 00
To vehicles and repairs	207 50

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To ice	319 22
To powder and fuse	342 24
To tinware, stoves, utensils and repairs	328 55
To engineer supplies	26 50
To shavings	10 00
To power and repairs	3 60
To brooms, buckets, soap, lye, etc	288 90
To harness and harness repairs	432 35
To scale inspection	2 00
Total expense	$49,318 37

MONTHLY STATEMENT OF RECEIPTS AND EXPENDITURES.

1886–87. *Receipts.*		*1886–87.* *Expenditures.*	
April	$6,811 37	April	$4,310 05
May	4,788 85	May	5,594 05
June	6,121 89	June	4,138 61
July	4,106 13	July	4,054 98
August	5,167 65	August	3,940 69
September	1,671 23	September	4,153 03
October	8,904 81	October	3,802 21
November	6,200 45	November	3,852 11
December	1,322 52	December	3,994 58
January	3,384 89	January	3,748 33
February	2,913 83	February	3,728 07
March	5,950 20	March	3,996 71
		Excess of receipts	7,530 45
	$56,843 82		$56,843 82

The following work was done during the year: —

QUARRYING.

Macadam furnished Street Department, squares	7,837
Macadam furnished Compton Hill Reservoir, squares	34
Rip-rap furnished Compton Hill Reservoir, squares	74
Rip-rap furnished Street Department, squares	2,270
Rip-rap furnished Harbor and Wharf Department, perches	1,341
Spawls furnished Harbor and Wharf Department, perches	944

GRADING.

Cubic yards of earth moved in cutting, filling and shaping streets and alleys	109,380
Cubic yards of earth moved and placed on wharf fronting Work-house quarry	11,308
Cubic yards of earth moved in cutting and shaping Female Hospital grounds	1,250

BRUSH FACTORY.

Number of holes drawn	16,812,362
Number of assorted brushes finished and delivered, doz	11,022

SEWING ROOM.

Making denim shirts for male prisoners	565
Making duck pants for male prisoners, pairs	759
Making canton flannel underwear for male prisoners, suits	190
Making mits for male prisoners, pairs	400
Making bed sheets	125
Making pillow slips	285
Making dresses for female prisoners	282
Making aprons for female prisoners	72
Making underwear for female prisoners	238

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LOCATION OF WORK DONE BY GRADING FORCE DURING THE YEAR.

Oregon avenue, bet. Miami and Chippewa streets.
Linn street, bet. Park avenue and Carroll street.
Cabanne street, bet. Lindell avenue and Olive street.
Texas avenue, bet. Shenandoah and Victor streets.
Female Hospital grounds.
Dog pound lot, city block No. 2616.
Ohio avenue, bet. Arsenal and Wyoming streets.
Allen avenue, bet. Thirteenth street and Second Carondelet avenue.
Ann avenue, bet. Jefferson and California avenues.
Liberty street, bet. Lynch and Congress streets.
Eichelberger street, from Gravois avenue west.
Park avenue, east and west of Compton avenue.
Keokuk street, from Iowa avenue west.
Utah street, bet. California and Nebraska avenues.
Oregon avenue, bet. Utah and Cherokee streets.
North and south alley city block No. 1533.
North and south alley city block No. 1521.
North and south alley city block No. 1516.
Alley city block No. 2566.
Alley city block No. 2605.
East and west alley city block Nos. 682 and 683.
Alley bet. Walnut, Theresa, Clark and Grand avenues.

COMMISSARY ACCOUNT.

Groceries and provisions furnished at the prisoners' mess during the year 1886-87: —

Beef, lbs	182,872	Pork, lbs	2,047
Bread, lbs	238,793	Corn meal, lbs	51,000
Potatoes, lbs	80,600	Peas lbs	8,743
Beans, lbs	8,860	Coffee, lbs	2,272
Coffee essence, gross	10	Salt, lbs	17,100
Molasses, gals	962	Vinegar, gals	284

PRISONERS' ACCOUNT.

	Males.	*Females.*	*Total.*
Number of prisoners confined April 1, 1886	310	111	421
Number of prisoners received from April 1, 1886, to April 1, 1887	2,159	1,354	3,513
	2,469	1,465	3,934
Number of prisoners discharged from April 1, 1886, to April 1, 1887	2,142	1,366	3,508
Number of prisoners confined April 1, 1887	323	103	426
	2,465	1,469	3,934

NUMBER OF PRISONERS RECEIVED EACH MONTH.

	Males.	*Females.*	*Total.*
Received in April	161	114	275
Received in May	181	138	319
Received in June	179	125	304
Received in July	211	137	348
Received in August	198	153	351
Received in September	172	104	276
Received in October	210	107	317
Received in November	152	108	260
Received in December	212	90	302
Received in January	178	76	254
Received in February	134	83	217
Received in March	171	119	290
	2,159	1,354	3,513

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NUMBER OF PRISONERS DISCHARGED EACH MONTH.

	Males.	*Females.*	*Total.*
Discharged in April	199	119	318
Discharged in May	177	97	274
Discharged in June	185	131	316
Discharged in July	204	132	336
Discharged in August	185	144	329
Discharged in September	192	140	332
Discharged in October	190	110	300
Discharged in November	164	107	271
Discharged in December	173	114	287
Discharged in January	164	79	243
Discharged in February	151	85	236
Discharged in March	158	108	266
	2,142	1,366	3,508

DAILY AVERAGE NUMBER OF PRISONERS RECEIVED AND DISCHARGED.

	Males.	*Females.*	*Total.*
Daily average number received	5.91	3.71	9.62
Daily average number discharged	5.89	3.74	9.63

COURTS FROM WHICH PRISONERS WERE RECEIVED.

Received from 1st and 2d Dist. and South St. Louis Police Courts	3,082
Received from Criminal Court	79
Received from Court of Criminal Correction	352
Total number received	3,513

OFFENSES FOR WHICH PRISONERS WERE COMMITTED.

Violation of City Ordinances: by pilfering, acts of indecency, trespass, drunkenness, disturbing the peace, resisting and interfering with officers in the discharge of their duty, non-payment of license, wife-beating, vagrancy, prostitution, associating with and harboring criminals, keeping indecent and disorderly houses, visiting dramshops, etc	3,082
Petit larceny	358
" " attempted	5
Assault and battery	23
Assault	2
" to do bodily harm	9
" to do great bodily harm	1
" to kill	1
" " with malice	4
Felonious assault	1
Embezzlement	8
" by bailee	1
Establishing lottery	1
False pretenses — obtaining property under $30	2
Receiving stolen property	3
Defrauding hotel	3
Larceny by bailee	1
Disposing of chattel mortgage	1
Open and notorious adultery	1
Bigamy	1
Riotously disturbing the peace	1
Violation of city ordinance	1
Corrupt and voluntary oath	2
Wife abandonment	1

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DISPOSITION OF PRISONERS — HOW DISCHARGED.

Expiration of fines and sentences	2,503
Special remit of Mayor	292
" " " with conditions	55
Remit on part payment of fine and costs	417
Payment of balance of fine and costs	106
Sentence commuted	122
Delivered to City Marshal by order of court	1
Released by order of court	1
Transferred to city jail	2
Escaped	5
Died at city hospital	4
	3,508

AGES OF PRISONERS COMMITTED.

From 15 to 20 years	615
" 20 to 30 years	1,123
" 30 to 40 years	624
" 40 to 50 years	588
" 50 to 60 years	463
" 60 to 70 years	84
" 70 to 80 years	16
	3,513

NATIVITY OF PRISONERS COMMITTED.

	Males.	*Females.*	*Total.*
United States, white	1,090	415	1,505
" " colored	468	377	845
Ireland	283	437	720
Germany	207	80	287
England	36	31	67
Canada	23	29	52
Scotland	8	33	41
Switzerland	10	2	12
France	5	....	5
Sweden	12	....	12
Bohemia	1	...	1
Italy	6	....	6
Austria	4	....	4
Norway	2	....	2
Poland	1	....	1
Australia	2	....	2
Denmark	1	....	1
	2,159	1,354	3,513

HOW PRISONERS WERE EMPLOYED.

	Males.
Number of days in quarry	54,452
" " at grading	18,693
" " in yard	386
" " " stable	2,315
" " " prison kitchen	2,166
" " " garden	982
" " " brush factory	1,093
" " " carpenter shop	620
" " " blacksmith shop	620
" " at whitening	418
" " repairing shoes	609
" lost by sickness and old age	1,321
" " Sundays, holidays and bad weather	23,459

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	Females.
Number of days in brush factory	18,828
" " " sewing room	5,131
" " " laundry	2,351
" " " officers' kitchen	1,095
" " scrubbing and cleaning	8,984
" " lost by sickness and old age	1,259
" " " Sundays and holidays	9,748
	149,525

HOW THE LIVE STOCK WAS EMPLOYED.

Number of days grading	5,995
Number of days in quarry	3,067
Number of days in garden, etc	575
Number of days lost by sickness and bad weather	6,320
	15,957

MISCELLANEOUS EXHIBITS.

Greatest number of prisoners confined at one time	470
Least number of prisoners confined at one time	370
Greatest number of prisoners received during any month	351
Least number of prisoners received during any month	217
Greatest number of prisoners discharged during any month	336
Least number of prisoners discharged during any month	236
Largest daily average number confined	440.25
Least daily average number confined	388.48
Daily average number of prisoners confined during the year	409.66
Daily average number of male prisoners confined during the year	293.52
Daily average number of female prisoners confined during the year	116.14

COST OF KEEPING EACH INMATE FOR ALL EXPENSES.

Daily cost per capita	$ .33.49
Weekly cost per capita	2.33
Monthly cost per capita	10.04
Yearly cost per capita	122.23

COST OF SUBSISTENCE OF EACH PRISONER.

Daily cost per capita	$ .11.07
Weekly cost per capita	.77.52
Monthly cost per capita	3.32
Yearly cost per capita	40.43

COST OF FEEDING LIVE STOCK.

Daily cost for each head of stock	$ .21.75
Weekly cost for each head of stock	1.52
Monthly cost for each head of stock	6.52
Yearly cost for each head of stock	79.38
Total cost of forage for 43.72 head of stock for the year	$3,494 19

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ANNUAL REPORT

OF THE

HOUSE OF REFUGE

FOR THE

FISCAL YEAR ENDING APRIL 10, 1887.

ST. LOUIS, April 20, 1887.

Hon. David R. Francis, Mayor:

DEAR SIR: — Herewith please find annual report of the Superintendent of House of Refuge for the past year.

The results attained will compare favorably with any year in the history of the Institution; in fact greater progress has been made *this year* than ever before. We are relieved very greatly from danger of fire by the introduction of steam pipes instead of stoves in a large portion of the buildings.

Our girls, by means of the new laundry, are not obliged to stand over tubs and wash-boards nearly every day in the week, and while we have not as yet reached the point of improvement that would place St. Louis on a par with other cities of similar importance in House of Refuge appointments, we can see progress sufficient to indicate that we will reach it one of these days.

How best to care for abandoned and helpless children is drawing more largely on the public mind than in former times. The Church and society are taking greater interest in the education of the children. Our own State has begun to move in the direction of a State Reform School (an institution much needed), and recent appropriations on behalf of our city institution by the Municipal Assembly shows a growing interest in the subject by our own citizens.

The greatest event in the history of the House of Refuge has taken place this month; viz.: the occupancy of the new building, separating the unfortunate boys and girls from the vicious class. Whatever may be said against the other buildings, this one stands as the equal of similarly occupied buildings in other cities, and now contains some fifty or more as happy children as can be found anywhere outside of good homes.

This separation has already had a marked effect on the conduct of the children, thus removed from the bad associations and tumble down quarters, and proves the wisdom of the provision (so long delayed) for such separation, and now may the good work go on. A single criminal often costs the State thousands of dollars, and when money is asked to still more largely increase the facilities of this institution, it is done with the double conviction that it is money wisely expended, both from a moral and economical stand-point.

For the convenience and comfort of all concerned and for appearance sake we must have a front walk to the new building, and in each yard some sheltered play-ground must be provided for the little boys and girls.

Our Boy's Department needs painting inside and outside; the contrast with the new building makes it look very bad, and it should be remedied. One more item, and a very important one, is the need of extensive improvements to the girls' quarters, now occupied by the colored and vicious white girls.

Something should be done at once; the buildings are very old, have been long out of repair, and should be reconstructed or abandoned.

The quarters for our worst girls ought to be such as will give them elevated ideas of home life. To put the mark of Cain upon them by relegating them to dilapidated surroundings, is to do them a harm, and place a reproach upon those who have the power to remedy such a state of affairs.

Respectfully submitted on behalf of the Board.

JAMES E. COWAN, *Secretary.*

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REPORT OF SUPERINTENDENT

OF THE

HOUSE OF REFUGE.

To the Honorable Board of Managers of the St. Louis House of Refuge:

GENTLEMEN — I have the honor to present report for the year ending April 10, 1887: —

TABLE NO. 1.

Number in Institution April 10, 1886: —			
White boys	129		
Colored boys	29		
		158	
White girls	26		
Colored girls	23		
		49	
			207
Number received during the year ending April 10, 1887 —			
White boys	119		
Colored boys	36		
		155	
White girls	17		
Colored girls	8		
		25	
			180
Number discharged during year ending April 10, 1887 —			
White boys	101		
Colored boys	25		
		126	
White girls	12		
Colored girls	7		
		19	
			145
Number in Institution April 10, 1887 —			
White boys	147		
Colored boys	40		
		187	
White Girls	31		
Colored girls	24		
		55	
			242
Daily average number in Institution —			
Boys		177	
Girls		52	
			229

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Table No. 2.

SHOWING BY WHAT AUTHORITY THOSE RECEIVED DURING THE YEAR WERE COMMITTED.

Mayor of St Louis	146	Police Justice of St Louis	9
Court of Criminal Correction	20	Criminal Court	1
Entered Institution voluntarily	2	Returned by employers	2
		Total	180

Table No. 3.

SHOWING OFFENSES AND CAUSES FOR WHICH COMMITTED.

Incorrigibility	51	Destitution	25
Improperly Exposed	21	Burglary	3
Violating City Ordinance	9	Abandoned	17
Grand Larceny	1	Prostitution	1
Petit Larceny	52		
		Total	180

Table No. 4.

NATIVITY OF THOSE COMMITTED.

Missouri (St. Louis 120)	129	Minnesota	1
Illinois	16	North Carolina	1
Kentucky	4	New Jersey	1
Ohio	4	California	1
Tennessee	3	Mississippi	1
Iowa	3	Germany	4
Louisiana	3	England	1
New York	3	South America	1
Indiana	2	Texas	2
		Total	180

Table No. 5.

PARENTAGE OF THOSE COMMITTED.

American (white)	28	Italian	1
American (colored)	44	Swedish	1
Irish	49	Bohemian	1
German	44	Polish	1
English	4	Scotch	1
French	5	Canadian	1
		Total	180

Table No. 6.

AGES OF THOSE COMMITTED.

Three years old	5	Ten years old	20
Four years old	2	Eleven years old	7
Five years old	3	Twelve years old	26
Six years old	3	Thirteen years old	21
Seven years old	7	Fourteen years old	26
Eight years old	5	Fifteen years old	41
Nine years old	14		
		Total	180

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Table No. 7.

DISPOSITION MADE OF THOSE WHO LEFT THE INSTITUTION.

Delivered to parents	71	Sent to City Hospital	1
Delivered to friends	15	Delivered to St. Vincent's German Orphan Asylum	5
Indentured	21	Escaped	2
Released for meritorious conduct	30		
		Total	145

Table No. 8.

LENGTH OF TIME THOSE DISPOSED OF HAD BEEN IN THE INSTITUTION.

1 month	20	20 months	5
2 months	4	21 months	3
3 months	3	22 months	6
4 months	2	23 months	7
5 months	1	24 months	6
6 months	4	25 months	5
7 months	5	26 months	5
8 months	3	27 months	2
9 months	4	28 months	1
10 months	4	32 months	1
11 months	5	33 months	1
12 months	5	34 months	3
13 months	4	35 months	1
14 months	4	36 months	2
15 months	4	37 months	1
16 months	4	40 months	1
17 months	4	46 months	1
18 months	7	60 months	1
19 months	5	78 months	1
		Total	145

Average period of detention 16 months.

Table No. 9.

RECEIPTS.

Received from labor of the boys in the Shoe Shop	$3,894 31
" " " " " " " " Chair Shop	807 43
" for board of inmates	166 00
Total	$4,867 74

EXPENDITURES.

PROVISIONS.

Meat (fresh)	$3,717 18	Baking Powder	$ 21 90
Sugar	649 08	Spices	29 33
Coffee	383 80	Potatoes	382 20
Tea	299 53	Fruits	185 21
Butter	606 77	Fish	53 14

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Milk	730 01	Lard	184 45
Rice	41 44	Beans	99 16
Salt Pork	63 00	Salt	13 58
Ham and Bacon	187 07	Eggs	70 82
Ice	240 45	Onions	23 18
Vegetables	126 97	Cheese	7 47
Hominy and Corn Meal	26 79	Poultry	67 60
Molasses	48 61	Vinegar	23 80
Yeast	74 10	Flour	1,868 00

	$10,224 64
Salaries	14,038 80
Rewards to inmates	401 20

CLOTHING.

Jeans	$518 77	Undershirts	$158 90
Muslin	183 38	Denims	71 24
Hats and caps	159 00	Ribbons	4 50
Checks	328 54	Thread and cotton	101 86
Shawls	9 45	Boys' jeans jackets	147 75
Shoes	813 98	Neckties	18 00
Stockings	161 52	Suspenders	50 70
Leather	225 50	Sundry cloths	28 35
Prints	118 28	Sundry articles, clothing	12 08
Buttons and buckles	84 80		

$3,146 10

FURNITURE, WOODENWARE, ETC.

Tinware	$102 56	Buckets	$ 32 86
Ironware	92 25	Crockeryware	34 60
Carpets	81 35	Spoons	11 10
Brooms	61 33	Knives and forks	23 50
Brushes	106 65	Wash-tubs	5 85
Toweling	86 95	Straw	90 33
Blankets	109 00	Ranges and repairs	341 74
Ticking	12 68	Stoves and repairs	45 13
Tablecloths	37 12	Sew. machs. and repairs.	70 50
Mosquito netting	24 00	Boilers	40 65
Chairs	15 30	Window curtains	102 23
School desks	32 05	Step ladder	4 75
Stools	12 00	Mattresses	41 15
Scissors	10 25	Sundry articles	25 83
Baskets	21 60		

$1,675 31

PERMANENT IMPROVEMENTS.

Whitening rooms and fences	$ 20 25	Locks and keys	$38 66
Paints	23 32	Nails and screws	37 25
Lumber	262 91	Plumbing	27 20
Glass	17 74	Work on grounds	80 25
Sand and lime	24 90	Sundry repairs	19 80

$552 28

Coal	$1,754 83	School books and stationery	92 29
Wood	186 00	Seeds	24 40
Gas	955 15	Medicines	146 20
Coal oil	6 13	Services of physicians	300 00
Oats	140 47	Car tickets	9 10
Hay	148 15	Machinery and tools	232 44
Corn	43 15	Matches	10 50
Wheat	38 50	Combs	28 60
Bran	3 36		

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Wagons and repair	133	20	Pins and needles	9	46
Harness and repairs	41	60	Holiday expenses	82	90
Horseshoeing	61	70	Postage stamps	20	05
Lawn roller	37	00	City Directory	5	00
Wheelbarrows	22	00	Singing books	18	50
Farm implements	18	05	Returning escaped inmate	3	00
Lye	43	14	Awning	28	30
Soap	184	15	Yard lamps	33	00
Starch	5	81			
Total					$34,899 46

The past year has been one usually prosperous for the Institution. There has been but little sickness among the inmates, and no death. The discipline has been good. The amount earned in the shops may be seen by an inspection of Table No. 9. The new building has been furnished and put in order for occupying, which will be done the present week. The inmates have had the benefit of addresses on various occasions by Rev. Stephen H. Green, Rev. L. W. Allen, Rev. J. E. Werth, Rev. Irl Hicks, Rev. Geo. C. Adams, Rev. Bishop Tuttle, Rev. Archbishop Kendrick, Jas. E. Cowan, Esq., J. B. Whitehead, Esq., and others.

Easter services were held in our chapel, which was beautifully decorated with flowers and banners, done under direction of Mrs. Shaffer, Matron. Mr. J. J. Mansfield, principal teacher, was musical director, and Prof. E. A. Engler, organist on the occasion. Rev. Stephen H. Green, of St. John's Episcopal Church, addressed the children. The choir of St. John's Church sang several pieces. Our children sang the carols and hymns prepared for the occasion with great effect. A large audience of visitors from the city and our neighborhood was present.

On June 6th, Prof. C. Bumiller, teacher of music in the public schools, visited the Institution, in company with forty of his pupils, who sang several pieces for the entertainment of our children.

On July 5th, the children celebrated "Independence Day," and were supplied with refreshments of ice cream, lemonade, cakes and berries.

Christmas day was spent in recreation, and the usual turkey dinner furnished the children, with mince pies, cakes, candies, nuts, oranges, apples, etc., in abundance. At night a dramatic performance was given, in which the children took part. The following gentlemen kindly volunteered for the occasion, viz.: Messrs. Harrigan and McVey, Irish comedians, in sketches; Professors Matthews and Berger in guitar solos, and the Maryville brass band, who gave selections. The entertainment was under the direction of Mr. E. P. Shaffer.

On the evening of December 30th, a Christmas-tree entertainment was given, under direction of Mrs. Shaffer, matron, and Mr. J. J. Mansfield, principal teacher. Songs, dialogues and calisthenic exercises were given by the children. Mr. Geo. S. Melitio gave a recitation. Prof. E. A. Engler was organist.

On New Year's Day the children were given a dinner of roast fresh pork, mince pies, etc.

The Rev. Fathers of St. Anthony's have continued to instruct the Catholic portion of our children on Sunday mornings.

For myself, and on behalf of Mrs. Shaffer, matron, I would tender sincere thanks to the Board of Managers for courtesies extended and valuable suggestions in management, and to the officers of the Institution would tender thanks for the faithful performance of their several duties.

Respectfully submitted,

JOHN D. SHAFFER, *Superintendent.*

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REPORT OF THE PRINCIPAL OF SCHOOLS.

To John D. Shaffer, Superintendent:

SIR—The number in the schools on April 10, 1886, was: Boys, 158; girls, 49; total, 207.

There were received during the year ending April 10th, 1887, 155 boys and 25 girls; total, 180.

Whole number under instruction during the year, 387.

THOSE RECEIVED INTO THE BOYS' SCHOOL WERE CLASSIFIED AS FOLLOWS:

IN READING.

Primer	26	Fourth reader	17
First reader	33	Fifth reader	11
Second reader	34		
Third reader	34	Total	155

IN ARITTMETIC.

Addition	35	Fractions	10
Subtraction	34	Percentage	9
Multiplication	33		
Division	34	Total	155

STANDING OF BOYS WHEN DISCHARGED.

IN READING.

Primer	16	Fourth reader	16
First reader	20	Fifth reader	10
Second reader	32		
Third reader	32	Total	126

IN ARITHMETIC.

Addition	15	Fractions	18
Subtraction	19	Percentage	12
Multiplication	32		
Division	30	Total	126

IN OTHER STUDIES.

Geography	62	History	22
Map drawing	15	Writing in books	81
Grammar	22	Writing on Slates	45

PRESENT STANDING OF BOYS.

IN READING.

Primer	22	Fourth reader	22
First reader	28	Fifth reader	15
Second reader	45		
Third reader	55	Total	187

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IN ARITHMETIC.

Addition	37	Fractions	28
Subtraction	38	Percentage	18
Multiplication	30		
Division	36	Total	187

IN OTHER STUDIES.

Mental Arithmetic	98	Geography	102
Grammar	14	Writing in books	107
History	14	Writing on Slates	80

STANDING OF THOSE IN THE GIRLS' SCHOOL.

IN READING.

Primer	5	Fourth reader	13
First reader	6	Fifth reader	9
Second reader	10		
Third reader	12	Total	55

IN ARITHMETIC.

Addition	11	Fractions	10
Subtraction	8	Percentage	4
Multiplication	10		
Division	12	Total	55

IN OTHER STUDIES.

Grammar	9	Mental Arithmetic	35
Geography	34	Writing in books	38
History	22	Writing on slates	17

Very material progress has marked the schools this year. With a more liberal use of the library as an inducement to perfect scholarship, a disposition latent heretofore has been developed that redounds much to the children's better nature and inherent talents. In this connection we would take this opportunity to thank the School Board of St. Louis for their munificent donation of three hundred interesting volumes from the Public Library.

The deportment has also ranked higher than for several years, showing an increase of 25 per cent in the average. Much of this is due to the employing of more competent and experienced assistants. Corporal punishment has been but rarely administered in the school room. With an increase of 10 per cent in the attendance during the past year and prospective 15 per cent more in the coming year, owing to the opening just now of the newly finished building, we hope to obtain a generous appropriation to meet the increased demand on library and school necessaries.

Yours, respectfully,

J. J. MANSFIELD,
Principal.

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ANNUAL REPORT

OF THE

ASSESSOR AND COLLECTOR OF WATER RATES

For the Fiscal Year ending April 12, 1887.

OFFICE ASSESSOR AND COLLECTOR OF WATER RATES.
ST. LOUIS, MO., April 12th, 1887.

Hon. D. R. Francis, Mayor:

SIR — I have the honor to submit to the Municipal Assembly the annual report of the department of the Assessor and Collector of Water Rates for the fiscal year beginning with April 13th, 1886, and terminating on April 11th, 1887. Annexed to and being a part of this report will be found the usual statistical tables, giving full information as to the operations of the department, showing not only the receipts for the past year, but also the receipts from year to year since 1835.

The report for the past year gives the sources of the Water Works revenue in detail, the number of meters and elevators in use, those owned by the consumer as well as those that are the property of the city, the new meters placed and the new taps in the water mains granted during the year as well as a statement of the cost to the city for the assessment and collection of the revenue, the work of the special water waste service, conditions of the reservoir, consumption of water and other matters.

The receipts for the past year as shown in the comparative statement herein marked as No. 3, are $67,717.55 in excess of the revenue for the previous year, and by scrutinizing this statement closely it will be observed that the first three items show this increase as follows, viz.: in general licenses $18,744.50. Meters and Elevators, $49,670.65; and public and private sprinkling, $4,244; while the aggregate of the balance of the items show a decrease of $4,941.60.

During the year 336 new meters were placed, while 103 were taken out and discontinued, leaving 233 in addition to 2,143 that were attached to service pipes at the beginning of the year, making a total of 2,376 now in use and distributed in various portions of the city as shown in Statement No. 4, in addition to which there are now 201 hydraulic elevators in use. These meters and elevators are used mostly by our manufacturing establishments and business houses, and the last year's revenue to the city from this source alone was $322,846.15.

The new taps into the water mains last year numbered 1,987. The daily collections have averaged about $2,750.

The percentage of the cost of collecting the revenue during the past year was 5.8, being 5 mills in excess of last year; this is accounted for

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from the fact of the passage of ordinance No. 13,642 increasing the department force by two clerks and three inspectors and three district inspectors, whose salaries aggregate $8,100 annually, the replacing of two horses at a cost of $350, for which no special appropriation was made, the cost of 50,000 special notices of "Willful Waste of Water" issued by order of the Mayor on December 31st, 1886, and during the month of January, 1887, $80, and the cost of refitting the office with new counters to contain eight districts in lieu of six as heretofore, the new counters costing $349.90 and furnishing the office, $138.50.

The appropriation for the year's expenses was fixed by ordinances 13,644 and 13,684 at $52,000.00, out of which remains an unexpended balance of $1,494.34 to turn into the city treasury.

Our public institutions that have meters attached to water connections show a consumption of 111,775,509 gallons, an increase of ten per cent over previous year. The money value of this is $13,972 and the value of water used by the institutions *without meter* amounts to $55,000 or a total of $68.972. This sum is not included in the revenue account of the department.

WATER WASTE.

Statement No. 11 shows the work of eight special inspectors whose duty it was to look after the waste of water in the city during the past year. As to the work performed by them, I can only reiterate what was said of them in my report of April 12th, 1886.

On December 1st, 1886, when the attention of the Mayor was called to the low stage of the water in the reservoir and that the supply was daily lessening, the danger of a water famine was so apparent, that for the purpose of taking some action to avert the danger to the city, the Mayor called into consultation with him Messrs. Henry Flad, President Board of Public Improvements; T. J. Whitman, Water Commissioner; Leverett Bell, City Counselor; A. Huebler, Chief of Police, and M. L. Holman, one of the principal engineers of the Water Department. The decision arrived at was to have the City Counselor draw up a circular calling on the citizens to stop the willful waste of water, have 50,000 printed and distribute them promiscuously over the entire city, through the police officers and a force of forty to fifty extra inspectors. When the circular was submitted it was discovered that under the ordinance the Assessor and Collector was the only officer who had the authority to sign his name to it, thereupon he was summoned to the consultation, and it having been made plain to him that decided and vigorous action was absolutely necessary, the circular was promptly printed and in the hands of the police department and special inspectors ready to begin the work of distribution on the morning of January 1st, 1887. This force of extra men, with the regular special force of eight men, operated under the supervision of Mr. M. L. Holman during the months of January and February in discovering and checking the waste to a large extent, and their efforts were successful in maintaining a good supply in the reservoir during that extreme cold weather.

In connection with this subject, during the latter part of February, 1887, I attended a meeting of the joint special Committee on Revision of the Municipal Assembly, requesting a change in the ordinance so as to place this duty of looking after the waste of water where it properly belongs, *i.e.*, in the department of the Water Commissioner, so as to

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confine the duties of the Assessor and Collector of Water Rates to the business that the title of his office implies, *i.e.*, the assessment and collection of Water Revenue. Inasmuch as this department is in no wise responsible for the supply of water, nor has it a supervision of the plumbing, or a knowledge of the pumping machinery, it was manifestly unjust to have it bear the burden. The committee concurred in this view of the matter and so amended the ordinance, which now removes the responsibility from this department and gives the authority to the Water Commissioner.

REDEEMING LICENSES.

Heretofore no rule was in existence to return to a consumer the unconsumed value of his license in cash, in case of removal to where the license was paid by the landlord, or the breaking up of housekeeping before the term of his license expired, but it was only accepted as part payment of a license on another premises. In cases where the consumer removed from the city, or broke up housekeeping and went to boarding, he either lost the unearned portion entirely or sold it to speculators at considerable discount. With the consent of the Comptroller, on November 1, 1885, I inaugurated the rule to pay the consumer in cash the value of the unconsumed portion on the surrender of the old license, which was then cancelled and returned to the Comptroller in the monthly statements. This plan not only gave satisfaction to the consumer, but removed all liability from the danger of having the same license presented *again* as part payment for the use of water at some other place.

The joint Committee on Revision of the Municipal Assembly approved this rule in February, 1887, and it is now a part of the City Ordinances.

RECOMMENDATIONS.

METER WAGON.

In view of the large number of meters, 2,376, and 201 hydraulic elevators, now in use and scattered over such a large extent of territory comprised within the limits of the city, I would recommend that an additional meter wagon and horse be added to the department, making three wagons and horses, which are none too many to do the work of the meter inspection properly. Since the beginning of the fiscal year of 1883 the work of this branch of the office has nearly doubled; the number of meters then being 1228.

OFFICE HOURS.

I would respectfully recommend that authority be granted to this department to close the office one hour earlier than the usual rule in order to give the clerks time during the remaining hour to post up their books and the cashier of the office time to balance his accounts and settle with the City Treasurer thus leaving everything in order for the next day's work.

UNIFORMITY IN MANUFACTURING RATES.

In my last annual report I had the honor to recommend that the rate for *purely manufacturing* purposes be made one (1) cent per 100 gallons *regardless of the quantity used*, in lieu of the rate of one and

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one-quarter cent, as now in force. I am still of the same opinion and hope that the rate may be adopted. The department is authorized to charge one cent but only in cases where 50,000,000 gallons per year are used, and this rate applies to only two institutions in the city. I also adhere to the opinion expressed at that time in reference to the reduction in family and tenement rates, and in proof of my statement that the Water Department is more than self-sustaining add hereto the following figures, viz. : —

Income for the year ending April 11, 1887.....		$ 868,043 25
Expenses as per this report for the asessment and collection of the revenue.....	$ 50,505 66	
Expenses of the Water Commissioner's Department, not including new extension work.....	243,784 84	
Interest at 6 % on $5,200,000, bonds.....	312,000 00	606,290 50
Leaving a surplus after deducting the operating expense and interest on the bonds of.....		$ 261,752 75
Assuming the revenue for this coming year to be an increase of $32,000 on last year, will give.....		900,000 00
Expense of assessment and collection of the revenue.....	52,000 00	
Expense of Water Commissioner's Department, not including new extension work.....	250,000 00	
Interest on Water Bonds funded at 4 % by July 1st, 1887.....	208,000 00	510,000 00

Leaving a surplus of $390,000, which can be used toward extension of water works and reduction in rates as above referred to, or what will be far better than a reduction in family and tenement rates, let those remain as they now are and give citizens free sprinkling of the public streets.

Respectfully, F. W. MOTT,

Assessor and Collector Water Rates.

TABLE No. 1.

RECEIPTS FOR THE FISCAL YEAR TERMINATING APRIL 11th, 1887.

DATE.	Licenses.	Permits and Taps.	Miscellan's Accounts.	Total.
1886.				
April 13-30.....	$40,280 00	$443 10	$129 60	$40,852 70
May.....	85,327 00	555 45	460 69	86,343 14
June.....	73,044 50	667 10	431 42	74,143 02
July.....	61,426 00	911 95	271 90	62,609 85
August.....	52,404 15	807 30	205 78	53,417 23
September.....	61,273 00	550 40	109 16	61,932 56
October.....	96,330 50	471 40	378 89	97,180 79
November.....	85,183 00	420 75	616 79	86,220 54
December.....	77,927 50	148 80	532 58	78,608 88
1887.		65 40		
January.....	65,860 50		51 00	65,976 90
February.....	45,893 50	272 15	1,015 58	47,181 23
March.....	62,629 50	638 80	374 06	63,642 36
April 1-11.....	49,337 50	212 30	384 25	49,934 05
	$856,916 65	$6,164 90	$4,961 70	$868,043 85

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TABLE No. 2.

RECEIPTS FOR THE FISCAL YEAR TERMINATING APRIL 12, 1886.

DATE.	Licenses.	Permits and Taps.	Miscellan's Accounts.	Total.
1885.				
April 14–30	$32,810 00	$583 40	$123 20	$33,016 60
May	75,481 50	1,037 30	760 11	77,278 91
June	69,348 50	1,134 90	1,952 73	72,436 12
July	60,714 50	848 10	230 79	61,793 39
August	49,785 50	649 40	113 38	50,548 28
September	63,299 00	612 70	5 11	63,916 81
October	85,567 25	478 60	353 80	86,399 65
November	72,628 00	576 90	391 98	73,596 88
December	71,257 25	254 05	720 77	72,232 07
1886.				
January	55,181 25	60 45	77 70	55,319 90
February	45,897 50	219 00	796 43	46,912 93
March	60,188 00	815 00	116 31	61,119 31
April 1–12	45,897 50	174 90	183 15	45,755 55
	$787,055 75	$7,444 70	$5,825 25	$800,325 70

TABLE No. 3.

COMPARATIVE STATEMENT OF THE SOURCES OF REVENUE FOR THE FISCAL YEARS 1885-1886 AND 1886-1887.

	1885-1886.	1886-1887.
General licenses	$462,591 00	$481,335 50
Meters and elevators	273,175 50	322,846 15
Public and private sprinkling	33,290 50	37,534 50
Building purposes	13,881 00	11,943 50
Meter repairs and miscellaneous accounts	5,825 25	4,961 70
Permits and taps	7,444 70	6,164 90
Brickyards	1,560 00	1,370 00
Motors	813 50	725 00
Filling cisterns	1,744 25	1,162 00
	$800,325 70	$868,043 25

TABLE No. 4.

METERS.

There are now attached to service pipes two thousand three-hundred and seventy-six meters of the following sizes:—

DATE.	SIZE.									Total.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Up to April 12, 1886	143	808	164	605	179	153	56	30	5	2143
During the past year	34	185	38	46	13	7	7	6	—	336
Total	177	993	202	651	192	160	63	36	5	2479
Discontinued	18	28	11	31	3	6	3	3	—	103
Total in use	159	965	191	620	189	154	60	33	5	2376

	SIZE.									Total.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Property of City	89	33	55	276	103	103	39	24	5	727
Property of Consumer	70	932	136	344	86	51	21	9	—	1649
Total	159	965	191	620	189	154	60	33	5	2376

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DIFFERENT KINDS OF METERS IN USE.

MAKER.	SIZE. ½ in.	⅝ in.	¾ in.	1 in.	1¼ in.	2 in.	3 in.	4 in.	6 in.	Total.
Worthington	.....	954	83	517	189	149	49	21	1	1963
Crown	159	.....	108	102	.....	4	6	9	2	390
Union	.....	7	.....	.....	.....	1	5	3	2	18
Union Duplex	.....	4	.....	.....	.....	.....	.....	.....	.....	4
Empire	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Total	159	965	191	620	189	154	60	33	5	2376

The Meters now in use are distributed among various establishments as follows: —

Breweries and malt houses	80	Pork and slaughter houses	72
Churches and schools	18	Railroads (steam and street)	66
City institutions	39	Rolling mills, foundries and machine shops	56
Custom house	5	Saloons	216
Distillers and rectifiers	15	Stables and stockyards	103
Fair Grounds	3	Tenements and private residences	774
Groceries	189	Theaters	6
Hotels	34	Miscellaneous	179
Merchants' Exchange	2		
Manufactories	319	Total	2376
Mills (flour, planing and saw)	56		
Offices and stores	194		

HYDRAULIC ELEVATORS.

Number in operation April 12, 1886	177
Number erected during the past year	26
Total	203
Discontinued	2
Total number in use	201

TABLE No. 5.

COMPARATIVE STATEMENT OF METERS AND ELEVATORS IN USE AND THE REVENUE DERIVED THEREFROM.

FISCAL YEAR.	No. of Elevators.	No. of Meters. Property of City.	Property of Consumer.	Total.	Amount Collected.
1873–1874	.....	.....	.....	212	.....
1874–1875	.....	.....	.....	231	.....
1875–1876	.....	.....	.....	245	.....
1876–1877	.....	.....	.....	289	.....
1877–1878	95	.....	.....	318	$113,454 08
1878–1879	114	276	87	363	127,616 17
1879–1880	126	299	136	435	142,849 50
1880–1881	139	318	255	573	180,904 35
1881–1882	154	437	468	905	222,397 00
1882–1883	164	568	665	1228	244,119 77
1883–1884	161	681	841	1522	247,489 81
1884–1885	163	709	1102	1811	246,344 50
1885–1886	177	723	1420	2143	273,175 50
1886–1887	201	727	1649	2376	322,846 15

TABLE No. 6.

NUMBER AND SIZE OF TAPS FOR WHICH MONEY HAS BEEN RECEIVED.

DATE.	½ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	Total No. of Taps. each month.	Amount collected each month.
1886.									
April 18–30	117	18	6	2	1	.....	.....	144	$443 10
May	133	32	1	2	8	.....	.....	176	555 45
June	167	35	9	.....	3	1	.....	215	667 10
July	207	64	9	1	6	3	.....	290	911 95
August	204	41	11	1	4	.....	.....	261	807 30
September	138	25	11	3	1	.....	.....	178	550 40
October	115	26	10	2	.....	.....	.....	153	471 40
November	112	21	4	1	.....	.....	.....	138	420 75
December	35	8	4	1	.....	.....	.....	48	148 80
1887.									
January	14	5	1	1	.....	.....	.....	21	65 40
February	75	8	3	.....	2	.....	.....	88	272 15
March	162	34	8	.....	3	.....	.....	207	638 80
April 1–11	54	9	3	.....	2	.....	.....	68	213 30
Total	1533	326	80	14	30	4	.....	1987	6,164 90

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TABLE No. 7.

AMOUNT COLLECTED FOR WATER LICENSES, PLUMBERS' PERMITS AND MISCELLANEOUS ACCOUNTS FROM APRIL 13, 1886, TO APRIL 11, 1887.

Date.	April, '86	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	Jan. 1887.	Feb.	March.	April.	Total collected on same date of each month.
1	.....	$1,891 95	$3,056 55	$2,633 80	.....	$2,418 45	$1,832 15	$2,720 65	$2,612 50	.....	$2,590 00	$3,056 65	$2,162 30	$24,970 00
2	.....	.....	3,146 25	3,532 80	$2,956 15	2,594 80	1,715 50	.....	2,251 00	.....	2,425 25	3,916 80	1,911 50	24,449 05
3	.....	3,256 65	3,223 25	3,317 00	3,912 95	2,517 65	.....	3,266 50	2,200 00	$6,049 00	2,888 50	3,582 65	.....	34,214 15
4	.....	3,684 95	3,742 95	.....	4,443 15	3,266 30	3,014 65	3,773 30	3,740 50	5,952 00	3,956 33	3,791 50	3,778 30	43,093 93
5	.....	4,640 65	8,775 55	.....	5,911 25	.....	4,437 15	4,110 65	.....	7,549 50	3,908 50	4,309 50	4,515 30	48,158 05
6	.....	7,348 00	.....	8,303 80	4,475 25	7,707 50	4,288 00	4,369 50	6,444 00	7,661 50	.....	.....	4,336 30	54,933 85
7	.....	5,142 15	2,792 00	5,023 95	2,996 30	4,154 90	.....	.....	3,943 15	5,664 50	6,430 00	5,799 70	3,504 00	45,450 65
8	.....	5,922 00	6,949 20	3,632 80	.....	3,000 00	3,271 00	6,120 30	2,120 00	2,331 50	5,184 50	4,572 15	2,470 15	45,573 60
9	.....	.....	7,054 42	2,234 30	4,889 65	1,965 80	2,148 80	2,878 65	3,596 83	.....	1,521 00	3,943 65	3,514 80	33,742 90
10	.....	9,890 70	4,865 80	1,888 65	1,259 75	2,274 45	.....	5,174 15	1,682 00	2,705 00	1,915 00	5,083 45	.....	36,738 95
11	.....	5,290 00	3,364 00	.....	1,375 25	1,379 65	2,489 65	4,788 80	2,561 30	3,054 00	2,031 15	3,464 15	23,741 40	53,489 35
12	.....	4,522 30	1,902 15	1,451 65	1,662 80	.....	2,727 10	1,450 50	.....	5,189 50	1,123 00	5,002 86	.....	25,031 86
13	$4,531 75	2,584 30	.....	1,360 10	1,648 45	2,156 80	1,961 80	4,783 65	2,884 00	1,140 50	.....	.....	.....	22,501 35
14	6,632 80	3,680 25	1,662 90	2,501 30	1,295 00	3,829 15	3,171 65	.....	6,621 25	1,352 50	871 50	1,903 50	.....	33,521 80
15	3,591 25	2,191 99	2,360 15	1,620 80	.....	4,738 65	8,775 85	9,040 50	3,716 90	930 25	1,883 50	2,969 15	.....	41,313 99
16	1,819 55	.....	1,854 00	1,615 30	1,745 10	1,846 80	6,579 15	6,010 95	5,495 30	.....	950 00	1,650 95	.....	29,067 10
17	7,362 90	1,737 00	2,453 65	1,741 30	1,386 50	1,768 30	.....	3,669 55	3,135 90	1,422 50	1,150 15	869 65	.....	26,697 40
18	.....	2,987 65	1,911 80	.....	1,061 45	849 15	4,817 55	4,468 65	7,129 00	867 50	1,437 30	711 40	.....	26,241 45
19	2,801 10	3,420 00	797 80	1,038 20	1,082 65	.....	14,117 80	3,616 15	.....	1,680 00	653 15	1,023 50	.....	30,230 35
20	2,456 25	2,780 65	.....	1,157 25	1,128 80	2,963 15	10,900 65	1,232 80	3,086 65	1,532 50	.....	.....	.....	27,238 70
21	1,763 80	3,423 85	799 80	2,103 85	762 30	1,676 80	3,067 75	.....	2,548 40	1,010 50	681 65	776 50	.....	18,614 70
22	1,161 15	2,312 15	1,410 30	624 95	.....	.....	1,331 04	1,391 80	2,203 30	873 15	.....	939 30	.....	12,247 14
23	1,005 80	.....	1,607 15	6,743 75	1,056 83	2,188 00	2,468 55	1,467 80	1,922 75	.....	696 65	631 00	.....	19,788 28
24	1,435 15	2,975 55	1,515 65	731 65	673 65	1,429 30	.....	1,486 65	319 65	1,121 65	885 65	757 80	.....	13,332 35
25	.....	1,077 20	1,242 60	.....	700 40	688 50	4,996 45	.....	.....	798 30	1,515 00	853 80	.....	11,872 25
26	1,072 00	1,275 15	1,154 60	947 45	1,002 00	.....	1,680 75	1,041 65	.....	755 65	1,150 80	406 00	.....	10,436 05
27	1,671 80	1,340 05	.....	846 60	1,048 80	1,986 00	2,116 00	3,327 00	3,092 00	882 00	.....	.....	.....	16,310 25
28	1,411 80	728 50	1,477 60	1,227 30	813 65	1,895 50	1,427 50	.....	1,552 50	1,037 00	1,832 65	609 15	.....	14,013 15
29	1,447 80	2,289 50	3,132 95	1,500 15	.....	1,525 16	1,840 80	3,115 00	1,597 00	1,104 65	.....	811 15	.....	18,364 16
30	1,187 80	.....	1,889 95	2,650 55	1,278 65	1,122 30	2,103 50	2,970 89	1,611 50	.....	.....	919 15	.....	15,733 79
31	.....	.....	.....	2,181 60	2,850 50	.....	.....	.....	1,041 50	3,811 75	.....	1,287 30	.....	10,872 65
	$40,852 70	$86,843 14	$74,143 02	$62,609 85	$53,417 23	$61,932 56	$97,180 79	$86,220 54	$78,608 88	$65,976 90	$47,181 23	$63,642 86	$49,934 05	$868,043 25

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TABLE No. 8.

YEARLY REVENUE DERIVED FROM THE WATER WORKS FROM ITS FIRST INTRODUCTION INTO THE CITY.

DATE. FROM	DATE. TO	Annual Collections.	Increase.	Decrease.
Total receipts up to May 14, 1835	May 14, 1835	$28,453 51		
May 14, 1835	April, 1836	4,588 73		
April, 1836	" 1837	5,338 21	$749 48	
" 1837	" 1838	8,372 13	3,033 92	
" 1838	" 1839	12,694 11	4,321 98	
" 1839	" 1840	20,517 25	7,823 14	
" 1840	" 1841	20,672 16	154 91	
" 1841	" 1842	14,954 81		$5,717 35
" 1842	" 1843	12,507 81		2,446 50
" 1843	" 1844	13,402 10	894 29	
" 1844	" 1845	14,518 69	1,116 59	
" 1845	" 1846	15,442 47	923 78	
" 1846	" 1847	17,858 70	2,416 23	
" 1847	" 1848	25,538 48	7,679 78	
" 1848	" 1849	21,967 92		3,570 56
" 1249	" 1850	19,560 00		2,407 92
" 1850	" 1851	30,943 78	11,383 78	
" 1851	" 1852	30,824 85		118 93
" 1852	" 1853	36,995 38	6,170 53	
" 1853	" 1854	49,865 04	12,869 66	
" 1854	" 1855	51,735 29	1,870 25	
" 1855	" 1856	70,380 47	18,645 18	
" 1856	" 1857	68,597 20		1,783 27
" 1857	" 1858	84,021 96	15,424 76	
" 1858	" 1859	87,352 20	3,330 24	
" 1859	" 1860	99,501 88	12,149 68	
" 1860	" 1861	114,760 35	15,258 47	
" 1861	" 1862	123,690 25	8,929 90	
" 1862	" 1863	147,120 95	23,430 70	
" 1863	" 1864	170,313 30	23,192 35	
" 1864	" 1865	208,340 90	38,027 60	
" 1865	" 1866	248,268 33	39,927 43	
" 1866	May 1, 1867	248,575 30	306 97	
May 1, 1867	" 1868	288,910 07	40,334 77	
" 1868	" 1869	321,412 50	32,502 43	
" 1869	" 1870	323,102 00	1,689 50	
" 1870	" 1871	335,626 91	12,524 91	
" 1871	" 1872	373,194 60	37,567 69	
" 1872	" 1873	426,922 59	53,727 99	
" 1873	" 874	444,622 35	17,699 76	
" 1874	" 875	414,870 44		29,751 91
" 1875	" 1876	456,163 39	41,292 95	
" 1876	April 9, 1877	445,041 14		11,122 25
April 10, 1877	" 8, 1878	512,058 19	67,154 55	
" 9, 1878	" 7, 1879	550,140 60	38,087 41	
" 8, 1879	" 12, 1880	620,230 30	70,189 70	
" 13, 1880	" 11, 1881	660,024 75	39,744 45	
" 12, 1881	" 10, 1882	706,145 65	46,120 90	
" 11, 1882	" 9, 1883	719,686 37	13,540 72	
" 10, 1883	" 7, 1884	736,694 26	17,007 89	
" 8, 1884	" 13, 1885	759,265 53	22,571 27	
" 14, 1885	" 12, 1886	800,325 70	41,060 17	
" 13, 1886	" 11, 1887	868,043 25	67,717 55	
Total revenue of Water Works		$12,885,199 60		

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TABLE No. 9.

AMOUNT OF REVENUE COLLECTED EACH YEAR SINCE 1870, AND THE PER CENT OF COST FOR COLLECTING THE SAME.

DATE. FROM	DATE. TO	Collections.	Expenses.	Per Cent.
May 1, 1870	May 1, 1871	$335,626 91	$26,063 13	7.7
" 1, 1871	" 1, 1872	373,194 60	29,763 03	7.9
" 1, 1872	" 1, 1873	426,922 59	34,690 78	8.1
" 1, 1873	" 1, 1874	444,622 35	30,732 73	6.9
" 1, 1874	" 1, 1875	414,870 44	34,644 78	8.3
" 1, 1875	" 1, 1876	456,163 39	42,432 16	9.3
" 1, 1876	April 9, 1877	445,041 14	45,358 12	10.1
April 10, 1877	Oct. 6, 1877	263,000 98	23,659 92	9.
Oct. 8, 1877	April 8, 1878	249,052 21	14,094 76	5.6
April 9, 1878	" 7, 1879	550,140 60	29,445 15	5.3
" 8, 1879	" 12, 1880	620,280 30	34,499 43	5.5
" 13, 1880	" 11, 1881	660,024 75	36,495 21	5.5
" 12, 1881	" 10, 1882	706,145 65	36,823 21	5.2
" 11, 1882	" 9, 1883	719,686 37	36,977 50	5.1
" 10, 1883	" 7, 1884	736,694 26	41,917 95	5.6
" 8, 1884	" 13, 1885	759,265 53	42,426 84	5.5
" 14, 1885	" 12, 1886	800,325 70	42,578 33	5.3
" 13, 1886	" 11, 1887	868,043 25	50,505 66	5.8

TABLE No. 10.

ANNUAL CONSUMPTION OF THE VARIOUS PUBLIC INSTITUTIONS SUPPLIED BY METERS, FROM APRIL 1, 1886, TO APRIL 1, 1887.

	No. of Cubic Feet	No. of U. S. Gallons.
Four Courts	6,563,400	49,225,500
City Hospital	2,580,100	19,350,750
Lafayette Park	863,800	6,478,500
Court House	2,178,000	16,335,000
City Hall	426,100	3,195,750
Police Station — Lafayette Park	451,100	3,383,250
" " 1st District, Robert and Pennsylvania	64,400	483,000
" " 2d District, ss. Soulard, between 7th and 8th	160,900	1,206,750
" " 2d Sub-district, 9th and Wyoming	95,200	714,000
" " 3d District, 7th Carr street	759,700	5,697,750
" " 3d Sub-district, Dayton and Jefferson	81,100	608,250
" " 4th District, 10th and North Market	161,500	1,211,250
" " 4th Sub-district, 9th and Angelica	15,000	112,500
" " Central Sub-district, 111 Chestnut	90,100	675,750
" " Mounted Stables, No. 2835 Market	92,500	693,750
Engine House — No. 6, 211 N. 7th street	80,400	603,000
" " No. 10, Jefferson and Walnut	101,200	759,750
" " No. 12, 816 N. 7th street	116,600	874,500
" " No. 14, 1425 Market street	22,200	166,500
Total	14,903,400	111,775,500

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TABLE No. 11.

OPERATIONS OF THE SPECIAL WATER WASTE SERVICE.

MONTH.	Number of Houses Examined.	Found in Good Order.	Leaks and Wastes.	Notices Served.	Repairs Made.	Houses Shut Off.	Leaks Reported by Police.	Leaks Reported by Tenant.	Leaks Reported by Telephone.
1886.									
April 13-30	6,323	5,955	362	579	481	446	57	47	23
May	6,893	6,417	481	625	446	485	24	65	16
June	8,067	7,530	538	754	579	512	42	93	39
July	6,507	6,074	431	726	447	470	63	99	54
August	7,709	7,256	453	685	522	405	60	107	58
September	6,882	6,321	561	781	649	370	78	99	35
October	9,060	8,385	695	893	804	426	68	100	30
November	8,608	8,102	506	746	665	427	48	136	56
December	10,783	10,081	702	1,091	963	668	88	175	133
1887.									
January	760	720	42	1,079	987	1,075	134	257	172
February	3,575	3,300	275	986	927	719	77	135	87
March	10,058	9,515	543	741	692	537	66	111	51
April 1-11	1,357	1,289	68	116	104	89	12	28	6
Total	86,602	80,945	5,657	9,805	8,266	6,629	817	1,457	760

TABLE No. 12.

AVERAGE WATER IN RESERVOIR.

1886. April	22 3-10	feet.
" May	20 6-10	"
" June	20 2-10	"
" July	18	"
" August	17	
" September	18 2-10	"
" October	20 7-10	"
" November	22 5-10	"
" December	16 9-10	"
1887. January	14 2-10	"
" February	18 9-10	"
" March	21 2-10	"

The Reservoir when full holds 25 8-10 feet.

TABLE No. 13.

AVERAGE DAILY CONSUMPTION OF WATER.

MONTH.	No. of Gallons.
1886.	
April	25,174,000
May	28,446,000
June	30,727,000
July	34,522,000
August	34,589,000
September	33,134,000
October	31,693,000
November	28,954,000
December	31,023,000
1887.	
January	28,775,000
February	25,432,000
March	24,927,000

Average daily consumption 29,783,083

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SEMI-ANNUAL REPORT

OF THE

MULLANPHY EMIGRANT RELIEF FUND

FOR THE SIX MONTHS ENDING FEB. 28, 1887.

OFFICE OF THE BOARD OF COMMISSIONERS OF THE MULLANPHY EMIGRANT RELIEF FUND,
307 LOCUST ST., ST. LOUIS, MO., March 1, 1887.

To His Honor the Mayor, and the Municipal Assembly of the City of St. Louis:

GENTLEMEN — In accordance with the requirements of section 10, ordinance No. 11,668, relating to the Mullanphy Bequest, I have the honor to transmit in duplicate the semi-annual report of the operations of the Board for the six months ending February 28, 1887, together with balance sheet from the books, and statement of profit and loss account.

There are now sixty-four houses belonging to the Fund, and four in construction.

PATRICK DEGNAN, *President.*

RECEIPTS.

To Balance on hand Sept. 1, 1886	$9,468 03
House Rent	8,880 98
Ground Rent	4,292 65
Water License	53 50
Transportation Refunded	20 85
Real Estate	6,250 00
Taxes.	111 88
Total	$29,077 84

EXPENDITURES.

Sept. 1885, By Adams & Wathune, secretary's stamp	$2 00
Anzeiger Assn., advertising	3 40
Anzeiger Assn., advertising	3 38
Lizzie Harrington, relief	2 00
Bertha Trochan & Son, relief.	10 00
Frederick Eberhardt and family, relief	5 00
Stone & Johnson, investigating sec'y's bond	10 00
Fred Holler, special tax	125 07
Wm. Llywellyn, relief	2 00
Theresa Jacobs and daughter, relief	10 00

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Sophie Feldman and family, relief	10 00
Henry Briggs, relief	1 00
J. W. O'Connell, repairs	68 95
Chronicle Pub. Co., advertising	4 50
Chronicle Pub. Co., proceedings printing	1 50
Joseph R. Drolshagen, relief	5 00
Mary Ann Rogers, relief	5 00
St. Louis Gas Light Co., bill for office	2 25
Carl Reiter, relief	2 00
Hannah Herbert and son, relief	1 00
Lena Weiner, relief	2 00
Chia Wensberg and family, relief	5 00
Daly Printing Co., stationery	15 25
Benjamin Miller and family, relief	5 00
Albert West and family, relief	5 00
Thomas O'Reilly, relief	2 00
J. B. Brickhouse, relief	5 00
Albert Beckman, relief	2 00
Isaac Dubenka, relief	3 00
John F. Lonergan, Cass Avenue house	500 00
Chronicle Publishing Co., proceedings printing	8 57
Chronicle Publishing Co., advertising	2 65
Hull & Cozzens, repairs	4 00
Hull & Cozzens, repairs	46 28
James Lightholder, matches	50
W. H. Simpkins, repairs	57 00
Thomas H. Rich, repairs	9 35
Thomas H. Rich, repairs	16 02
Browne & Reynolds, repairs	31 50
John Quinn, repairs	82 50
John Quinn, repairs	115 45
Safe Deposit Co., safe rent	7 00
Lizzie Kenney, scrubbing & washing towels	4 00
John H. Stidger, repairs	25 10
John H. Stidger, repairs	35 75
R. & T. A. Ennis Stationery Co., stationery	5 60
R. & T. A. Ennis Stationery Co., stationery	19 25
Annie Levin and family and Sarah Zuckerman, relief	6 90
Jennie Golden and family, relief	6 95
Geo. Knapp & Co., advertising	4 40
Geo. Knapp & Co., proceedings printing	7 90
Geo. Knapp & Co., advertising	16 20
Globe Printing Co., advertising	14 00
Globe Printing Co., advertising	4 60
A. J. Geraghty, repairs	5 25
Benj. Petty, repairs	33 15
G. H. Stickfort, boarding	11 00
G. H. Stickfort, boarding	29 40
P. A. O'Neil, boarding	7 60
P. A. O'Neil, boarding	5 60
Frank Bonhomme and family, relief	1 20
Felix Sausice and family, relief	1 20
Moses Kretchman and wife, relief	10 00
J. B. Brickhouse, relief	2 00
Anzeiger Ass'n, proceedings printing	5 29
Anzeiger Ass'n, advertising	3 32
Mary Moriarty, relief	2 00
Mary Stecken and family, relief	5 00
Sallie Ann Mohr and family, relief	5 00
John D. Finney, salary	166 66
Peter J. Wegman, salary	83 33
James L. Halloran, salary	20 00
Missouri Pacific Ry., transportation	75 55
Wabash St. L. & Pacific Ry., transportation	109 25

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	St. L. Iron Mountain & Southern Ry., transportation.	90 45
	St. L. & San Francisco Ry., transportation	226 90
October	J. F. Lonergan, Cass Avenue house	500 00
	Suewash Frank, relief	1 00
	Zelda Gland and family, relief	5 00
	Yidida Laserovitch and family, relief	10 00
	Th. F. Hennemann, repairs	2 45
	B. R. Bonner Ice Co.	6 25
	St. Louis News Co., printing and stationery	1 10
	Hirsh Galler, relief	3 00
	Sarah Wolfberg and family, relief	13 40
	Adolphus Siot, relief	1 00
	St. Louis Gas-Light Co., bill for office	1 95
	Water License	113 00
	City of St. Louis, special tax	72 80
	Baile Beum, relief	5 00
	Rachel Soller, relief	5 00
	Amber Brown and family, relief	10 00
	Yente Kolten and family, relief	10 00
	Loeb Schneider and family, relief	15 00
	Abraham Katz and family, relief	10 00
	Wm. Schindler, relief	1 50
	Ann Sheahan and family, relief	10 00
	Roeslein & Robyn, insurance.	6 00
	Benj. Kimball, insurance	22 00
	W. H. Simpkins, repairs	62 70
	J. L. Isaacs, repairs	32 50
	John Quinn, repairs	52 60
	G. H. Stickfort, boarding	47 60
	P. A. O'Neil, boarding	4 60
	Lindell Railway, car tickets	3 00
	The St. Louis Street Sprinkling Co., coal	21 75
	Charles Ziese and family, relief	8 30
	Volfrid Samuel, relief	2 00
	Stephan Swift, relief	5 00
	Benj. Petty, repairs	10 00
	Th. F. Hennemann, repairs	1 40
	R. D. Patterson & Co., stationery	50
	Abraham Schoenfeld and family, relief	5 00
	Chronicle Pub. Co., advertising	11 76
	Chronicle Pub. Co., advertising	31
	Thos. H. Rich, repairs	10 38
	A. J. Geraghty, repairs	38 10
	R. & T. A. Ennis Stationery Co., stationery	4 18
	Anzeiger Assn., advertising	2 25
	Geo. Knapp & Co., advertising	60
	Jno. F. Lonergan, Cass ave. house	500 00
	James Corcoran, relief	10 00
	Thomas Toole, relief	1 00
	Osher Mochniek, relief	3 00
	Mochel Marcus, relief	3 00
	Office expense	1 50
	Lizzie Kenny, scrubbing and washing towels	4 00
	John D. Finney, salary	166 66
	P. J. Wegman, salary	83 33
	James L. Halloran, salary	20 00
	Wm. Gilchrist, relief	1 00
	Mo. Pacific Ry., transportation	55 85
	Wabash, St. L. & Pac. Ry., transportation	39 05
	St. L. & San Francisco Ry., transportation	81 75
	Chicago, Burlington & Quincy Ry., transportation	15 80
November.	Johan Faga and family, relief	5 00
	Wm. McDowell, relief	5 00
	Bolestawa Oswieciska and family, relief	10 00

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	Mary E. Leming, relief	5 00
	Jerome Jackson and family, relief	10 00
	St. Louis Gas-light Co., bill for office	2 25
	Sister Mary McMahon, relief	5 00
	Geo. N. Goldsworthy, relief	2 60
	Abraham Katz and family, relief	5 00
	Ruchal Solier & family, relief	10 00
	Daniel Burstine and wife, relief	10 00
	Tom Murphy, carriage hire	2 00
	Mina Herrman & family, relief	10 00
	Isaac Dombinsky, relief	1 00
	Loeb Schneider and family, relief	10 00
	Dora Simon and daughter, relief	10 00
	John Cuolahan, insurance	11 00
	Nellie Brimer and family, relief	10 00
	Bolestawa Oswieciska and family, relief	10 00
	Margaret Barnes and family, relief	15 00
	Marien Grosser and family, relief	10 00
	John Paul and wife, relief	2 00
	Robt. Gibson, relief	1 00
	Cullinane Bros., carriage hire	3 00
	Wm. Peterson and wife, relief	3 00
	John Cates and family, relief	5 00
	Florence McLeane and family, relief	5 00
	Mary Kirkwood and family, relief	4 00
	Ida Friedlander, relief	2 50
	Julia Friedlander, relief	2 50
	Nellie Maguire and child, relief	10 00
	John Quinn, repairs	64 50
	W. H. Simpkins, repairs	54 30
	John H. Stidger, repairs	25 00
	John H. Stidger, repairs	28 14
	Francis Bayer, repairs	36 40
	G. H. Stickfort, boarding	16 80
	Anzeiger Assn., advertising	12 35
	Globe Printing Co., advertising	2 60
	Thos. H. Rich, repairs	9 15
	P. A. O'Neil, boarding	6 20
	Geo. L. Wolfe, relief	1 10
	Chronicle Pub. Co., advertising	7 80
	Osias Szernich, relief	5 00
	Office expense	3 10
	Joseph Neuhoff, relief	5 00
	Wesley Burroughs, relief	3 00
	Lizzie Kenney, scrubbing and washing towels	4 00
	Th. F Hennemann, repairs	3 50
	Geo. Knapp & Co., advertising	3 00
	Joseph Neuhoff, relief	2 00
	John D. Finney, salary	166 66
	Peter J. Wegman, salary	83 33
	James L. Halloran, salary	20 00
	Effie Burton and child, relief	1 65
	Mo. Pacific Ry., transportation	44 45
	Wabash, St. L. & Pac. Ry., transportation	21 00
	St. L., I. Mountain and Southern Ry., transportation	12 10
December.	Ella Wolfberg and family, relief	5 00
	Hester Kimmel, relief	1 00
	Thomas Yankowak and family, relief	10 00
	Mrs. M. D. Lewis, relief	10 00
	Israel Sendak and family, relief	10 00
	Anthoney Tierney, relief	5 00
	Isaac Bloch and family, relief	10 00
	Rachel Harris and family, relief	10 00
	James Malloy, relief	1 00

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	Allen & Vieths, special tax	709 11
	St. Louis Gas-Light Co., bill for office	4 35
	Joseph Rosner, relief	5 00
	Julia Greenberg and family, relief	5 00
	Sam Shapero, relief	2 00
	Joseph Dorsak, relief	10 00
	James Kearns, repairs	1 75
	Water license	73 50
	Carl Schulz, relief	5 00
	Louise Weber and family, relief	10 00
	John F. Lonergan, Cass ave house	750 00
	Joseph Johnson, relief	10 00
	Michael Alums subscription (*Chronicle*)	2 70
	Car tickets	5 00
	Wm. A. Hallowell, relief	2 00
	Henry E. Loveland, relief	2 00
	Thos. N. Rich, repairs	13 30
	Browne & Reynolds, repairs	14 50
	Wm. H. Simpkins, repairs	31 90
	A. J. Geraghty, repairs	34 20
	John W. O'Connell, repairs	46 80
	Frank Bayer, repairs	62 90
	John Quinn, repairs	65 30
	Thomas H. Rich, Cass ave house	137 50
	Globe Printing Co., advertising	10 25
	Chronicle Pub. Co., advertising	14 21
	R. & T. A. Ennis Stationery Co., stationery	12 85
	Schureman Bros. & Co., sprinkling	13 50
	G. H. Stickfort, boarding	24 80
	P. A. O'Neil, boarding	4 80
	Henry G. Bingaman & family, relief	5 00
	L. C. Barabini, retouching painting	15 00
	Hester Plotkin and child, relief	1 00
	Fanny Markowitch and son, relief	1 00
	John Paul and wife, relief	2 00
	John Kane, relief	4 00
	James L. Spalding, relief	10 00
	Anzeiger-Assn., advertising	3 41
	Postal cards	1 00
	Expense	5 65
	Julia Greenberg and family, relief	5 00
	Geo. A. Moses, relief	5 00
	Pinkes Zebowetch, relief	5 00
	Moses Weinberg, relief	5 00
	Adolph Klein, relief	5 00
	Aron Margulitch and family, relief	10 00
	Peter Keenan, relief	3 00
	James Walsh, repairs	10 00
	Th. F. Hennemann, repairs	5 40
	Geo. Knapp & Co., advertising	6 50
	John D. Finney, salary	166 66
	Peter J. Wegman, salary	83 33
	Jas. L. Halloran, salary	20 00
	Mary Concannon, relief	5 00
	Lizzie Kenny, scrubbing and washing towels	5 00
	Mo. Pacific Ry., transportation	13 65
	Wabash, St. L. & Pac. Rv., transportation	42 85
	St. L. & San Francisco Ry., transportation	18 40
	St. L. Keokuk & Northwestern Ry. transportation	6 40
January, 1887	Carrier Post-Dispatch, subscription and gratuity	4 60
	Carrier Republican, subscription and gratuity	6 50
	C. D. Greene, notary fee	50
	A. M. Everist, notary fee	1 00
	Carrier Evening Chronicle, gratuity	50

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	Letter carrier, gratuity	50
	Joseph Singer, relief	2 00
	Chaga & Rosenbaum, relief	10 00
	Emma Stimpson and family, relief	10 00
	Goshen Zuckerman, relief	1 00
	Catherine Muloschefski and family, relief	10 00
	Crown Printing Co. and Com. Stamp Expense	3 70
		20
	St. Louis Gas-Light Co., bill for office	5 10
	Heinrich Fischlowitz, relief	5 00
	Abraham Bossant and family, relief	10 00
	Joseph Deutsch and family, relief.	10 00
	Daly Printing Co., printing	9 75
	R. & T. A. Ennis Stationery Co., stationery.	2 70
	Thos. H. Rich, repairs	14 49
	Browne & Reynolds, repairs	13 25
	A. J. Geraghty, repairs	11 62
	W. H. Simpkins, repairs	50 90
	J. F. Lonergan, repairs	69 13
	Moder & Kelley, repairs	12 00
	Chronicle Pub. Co., advertising	14 45
	Anzeiger Assn., advertising	12 19
	Globe Printing Co., advertising	13 50
	Geo. Knapp & Co., advertising	8 10
	Calvary Cemetery Assn., surveying Mullanphy lot	20 00
	G. H. Stickfort, boarding	41 00
	P. A. O'Neil, boarding	17 60
	City Collector, special tax	80 00
	Allen & Vieths, special tax	324 87
	Allen & Vieths, special tax	341 11
	Allen & Veiths, special tax	447 51
	Joseph J. O'Rouke, repairs	2 00
	James Moore, relief	2 00
	Henry Benson, relief	3 00
	Elizabeth Leher and family, relief	3 90
	Loeb Zebowetch, relief	5 00
	Laura J. Clark and child, relief	6 00
	Mary Studzinski and child	5 00
	Heinrich Mueller, relief	3 00
	Thomas Denison & Son, relief	1 00
	Anton Wosoleski and family, relief	5 00
	Margaret Denison and family, relief	5 00
	Margaret Struckhoff, relief	3 00
	John Paul and wife, relief	3 00
	Schlem Reines, relief	2 00
	Wm. Wilson and family, relief	2 00
	Archie J. Dixon and family, relief	10 00
	Nicholas Fleming, relief	6 00
	Catherine McCarthy, relief	10 00
	Margaret Denison and family, relief	8 80
	Car tickets	5 00
	Lizzie Kenny, scrubbing and washing towels	4 00
	John D. Finney, salary	166 66
	Peter J. Wegman, salary	88 38
	James L. Halloran, relief	20 00
	Schlem Reines, relief	2 00
	Mo. Pac. Ry., transportation	76 00
	Wabash, St. L. & Pac. Ry., transportation	89 90
	St. L. I. Mountain & Southern Ry., transportation	3 70
	St. L., Keokuk & Northwestern Ry, transportation	40 35
	St. Louis & San Francisco Ry., transportation	9 00
February.	John T. Scott, relief	2 00
	Mary O'Rouke and family, relief	10 00
	Meyer Markowetch and niece, relief	1 00

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Car tickets	5 00
Sed Schamback, relief	5 00
Mary Regan, relief	10 00
Postage stamps	1 00
Jacob Jansen, relief	2 00
Schulem Grossman, relief	5 00
Schulem Smessman and wife, relief	10 00
Anna Linck, relief	1 25
Auguste Lynch and child, relief	9 35
Charles Braun, relief	5 00
G. H. Stickfort, boarding	46 80
P. A. O'Neil, boarding	8 60
J. F. Lonergan, repairs	12 92
W. H. Simpkins, repairs	38 05
A. J. Geraghty, repairs	43 87
John Quinn, repairs	240 55
Thos. H. Rich, repairs	84 30
H. Scooler, repairs	2 00
Globe Printing Co., advertising	14 50
R. & T. A. Ennis Stationery Co., stationery	15 35
Moder & Kelly, office expense	50
Joseph Delaney and family, relief	5 00
Evening Chronicle Pub. Co., advertising	10 00
Anzeiger Association, advertising	7 15
Geo. Knapp & Co., advertising	10 00
Solomon Udovitch and wife, relief	10 00
Julia Hanlon and family, relief	10 00
John Davies, relief	2 00
David Jones, relief	2 00
B. R. Bonner Ice Co., ice	3 15
Th. F. Hennemann, repairs	7 80
Jossel Wolfberg, relief	1 00
Joseph J. O'Rourke, repairs	8 75
Ellen Dooner and child, relief	5 00
Gas bill	4 65
Mary Williams, relief	3 00
Anna Peterson and family, relief	10 00
Herman Henning, relief	2 00
Serivel Herzberg and family, relief	10 00
Max Dumja, relief	2 00
Lizzie Kenney, scrubbing and washing towels	4 00
Aaron Remer and family and Ruchel Banars and family, relief	3 00
Adolph Roman, relief	1 00
Robert Miller and family, relief	10 00
Abraham Greenblatt, relief	3 00
David Oblitt, relief	3 00
Jno. D. Finney, salary	166 60
Peter J. Wegman, salary	83 33
James L. Halloran, salary	20 00
Mo. Pacific Railway, transportation	97 05
Wabash, St. L. & Pac. Railway, transportation	68 60
St. L., Iron Mountain & Southern Ry., transportation	12 60
St. Louis & San Francisco Railway, transportation	9 15
	$11,078 82
Balance on hand February 28, 1887	$17,999 02
Total	$29,077 84

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Three hundred and fifty-five (355) emigrants and three hundred and fifteen (315) travelers obtained relief. Total, 670.

Nationality — United States, 235; France, 9; England, 27; Scotland, 10; Ireland, 50; Germany, 79; Russia, 200; other countries, 60.

Destination — Missouri, 433; Kansas, 131; Arkansas, 47; Texas, 11; New Mexico, 2; Colorado, 13; California, 4; Nevada, 15; Wyoming, 1; Dakota, 1; Nebraska, 1; Iowa, 11.

One thousand and ninety-three meals and two hundred and eighty-six lodgings were furnished to one hundred and ninety-four persons and transportation to one hundred and ninety-one.

Very respectfully,

JOHN D. FINNEY,
Secretary.

LEDGER BALANCES, FEBRUARY 28, 1887.

Real Estate	$339,573 25	Mullanphy bequest stock	$429,200 97
Office Fixtures	500 00	Ground rent	4,392 65
Cash	17,999 02	House rent	8,880 93
Salaries	1,619 94		
Transportation	1,253 15		
Expense	201 15		
Relief	907 10		
Water License	133 00		
Insurance	39 00		
Boarding	271 40		
Advertising	245 64		
Repairs	1,810 14		
Dickson street houses, No. 1	13,025 67		
Jefferson avenue houses	7,939 79		
Taxes	1,938 59		
Dickson street houses, No. 2	7,275 06		
Carondelet houses	6,109 55		
Dickson street houses, No. 3	8,190 00		
Printing and stationery	85 98		
Seventh street houses	8,374 74		
Eighteenth and O'Fallon street houses, No. 1	11,741 90		
Eighteenth & O'Fallon street houses, No. 2	9,937 73		
Cass Avenue house	3,202 75		
	$442,374 55		$442,374 55

PROFIT AND LOSS ACCOUNT FOR THE SIX MONTHS ENDING FEBRUARY 28, 1887.

Salaries	$1,619 94	Ground rent	$4,392 65
Transportation	1,253 15	House rent	8,880 93
Expense	201 15		
Relief	907 10		
Water license	133 00		
Insurance	39 00		
Boarding	271 40		
Advertising	245 64		
Repairs	1,810 14		
Taxes	1,938 59		
Printing and stationery	85 98		
Excess of receipts over expenditures to —			
Mullanphy bequest stock	4,668 49		
	$13,173 58		$13,173 58

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ANNUAL REPORT

OF THE

COMMISSIONER OF SUPPLIES

For Fiscal Year Ending April 11, 1887.

OFFICE OF COMMISSIONER OF SUPPLIES,
CITY HALL, April 18th, 1887.

Hon. David R. Francis, Mayor:

SIR — In accordance with the requirements of section 47, Article 4 of new charter, I have the honor to submit herewith a tabulated report of the business of this office, for fiscal year ending the 11th instant.

By reference to table No. 1, it will be seen that 6,131 requisitions were received and filed, and purchases under 5,782 of the above, vouchers were made out and forwarded to Auditor. Vouchers for the remainder could not be made out for the reason either that the invoices have not yet reached this office or that articles being intended for use during new fiscal year were not properly chargeable in this year's appropriation.

The aggregate amount of purchases for fiscal year 1886 and 1887 amounts to three hundred and ninety-four thousand six hundred and one dollars and ninety-seven cents ($394,601.97).

Table number 2 is an exhibit of the different items of condemned property transferred to this department for sale, the proceeds of which, amounting to three thousand eight hundred and seventy dollars and seventy-five cents ($3,870.75) have been paid into City Treasury as per receipts on file in this office.

Respectfully submitted,

D. P. ROWLAND,
Commissioner of Supplies.

TABLE NO. 1 — RECORD OF REQUISITIONS AND PURCHASES.

INSTITUTIONS AND DEPARTMENTS.	No. of Requisitions Received During Fiscal Year, 1886 and 1887.	No. of Requisitions for which Vouchers have been Certified.	Total Amount of Purchases as per Vouchers Certified to Auditor.
Abating Nuisances	82	80	$2,221 22
Assessment of Revenue	56	53	1,710 19
Assessor and Collector of Water Rates	55	55	990 73
Auditor	11	11	295 15
Board of Health and Commissioner	137	135	8,383 18
Board of Public Improvements (Prest. Dept.)	95	92	653 67
Board of Engineers and Boiler Inspector	6	6	247 50
City Attorney	3	3	43 30
City Counselor	16	16	491 15
City Dispensary	107	104	1,129 03
City Hall	42	39	2,639 99
City Hospital	679	622	39,328 95
City Marshal	6	6	341 04
Circuit Court	8	8	777 45
Criminal Court	10	10	384 77
Court of Criminal Correction	46	45	1,133 35
Court House	31	30	2,426 01

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TABLE No. 1—RECORD OF REQUISITIONS AND PURCHASES.—*Continued.*

Institutions and Departments.	No. of Requisitions Received During Fiscal Year 1886 and 1887.	No. of Requisitions for which Vouchers have been Certified.	Total Amount of Purchases as per Vouchers Certified to Auditor.
Commissioner of Supplies	15	15	$1,998 79
Commissioner of Public Buildings	39	38	521 08
Comptroller	21	18	167 89
Coroner	16	16	402 05
Council	7	6	260 69
Contingent Fund—Armory	7	6	191 09
Fire Alarm Telegraph	46	44	9,098 08
Fire Department	214	211	50,853 88
Female Hospital	469	437	31,323 90
Four Courts	41	39	3,927 78
Harbor and Wharf Commissioner	29	28	200 02
Harbor Boat	65	62	3,493 11
House of Delegates	24	24	826 27
House of Refuge	408	378	22,859 79
Inspector of Weights and Measures	14	14	98 05
Insane Asylum	499	455	48,276 43
Jail	175	164	11,859 34
Jury Commissioner	3	3	93 88
Mayor	16	16	411 63
Market, City	5	5	19 48
" Soulard	4	4	42 00
" South St. Louis	2	2	12 24
" Union	12	12	224 00
Morgue	11	11	210 31
Poor House bakery	161	151	20,759 21
Poor House dairy	95	88	5,466 09
Poor House proper	407	379	43,657 02
Park Commissioner	9	9	268 75
" Benton	26	26	367 69
" Carondelet	32	30	571 00
" Carr Square	18	17	85 59
" Forest	32	30	2,963 14
" Gamble Place	21	21	172 17
" Gravois	5	4	60 55
" Hyde	21	21	195 38
" Jackson Place	11	11	138 84
" Laclede	8	8	47 17
" Lyon	4	4	23 90
" St. Louis Place	18	18	124 39
" South St. Louis Square	1	1	2 25
" O'Fallon	46	43	431 35
" Washington Square	18	17	88 44
Probate Court	2	2	156 20
Police Court, 1st District	7	7	112 95
Police Court, 2d District	22	19	501 48
Police Court, South St. Louis	2	2	20 70
Quarantine and Small-pox Hospital	116	109	1,915 16
Register	6	5	61 62
Recorder of Deeds	38	36	2,162 42
Recorder of Voters	64	62	818 33
Repairs of Dykes, Wharf, etc	3	3	122 80
Sewer Commissioner	48	48	1,758 99
Street Commissioner	382	372	18,716 30
Street Cleaning Floating Dumps	53	51	923 78
Scavenger Dumps	33	31	386 37
Scavenger Dumps, Construction Account	9	9	184 96
Scales, Adreon	2	2	9 40
" Bridge	8	7	30 23
" City Market	4	3	11 32
" South St. Louis Market	1	1	1 15
" Soulard Market	5	5	234 85
" N. Levee	4	3	10 48
" S. Levee	11	11	43 79
Treasurer	9	9	68 30
Water Commissioner	476	443	15,318 51
Work House	313	296	30,772 64
Total amount for fiscal year, 1886-7	6,181	5,782	$39,4601 97

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TABLE No. 2.

From Whom Received.	Articles Received.	Amount.
Auditor	Stove	$10 50
Assessor and Collector of Water Rates	Horse	90 00
Comptroller	Scale	11 00
Commissioner of Supplies	Horse	100 00
Commissioner Public Buildings	Horse	75 00
" " "	Buggy	35 00
City Hospital	Iron, rags, etc	6 75
Female Hospital	Iron, rags, etc	48 92
Fire Alarm Telegraph	Wire	5 00
Fire Department	Sacks	33 75
" "	Hose	45 00
" "	Horses	792 49
Harbor and Wharf Commissioner	Rope	18 65
House of Refuge	Empty barrels	52 74
Insane Asylum	Sacks	30 95
" "	Iron, rags, etc	69 42
Park Commissioner	Mower	40 00
Poor House Bakery	Empty barrels	788 22
" " Dairy	Cows and calves	606 28
" " Proper	Sacks	60 00
" " "	Iron, rags, etc	145 88
Sewer Commissioner	Horse	50 00
Street Commissioner	Horse	25 00
Water Commissioner	Horses	115 25
Work House	Horses	90 00
" "	Mules	600 00
Total amount for fiscal	year 1886 and 1887	$3,870 75

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ANNUAL REPORT

OF THE

HEALTH COMMISSIONER

FOR THE

FISCAL YEAR ENDING APRIL 11, 1887.

St. Louis, April 13, 1887.

Hon. D. R. Francis, Mayor:

Sir — I have the honor to submit a report of the operations of the Health Department for the past fiscal year.

The annual reports of the Clerk of the Board of Health, Dispensary Physician, Chief Sanitary Officer, Superintendents of the Hospitals, Insane Asylum and Poor House, Steward of the Quarantine and Small Pox Hospital, and of Meat Inspection, are herewith submitted, giving full details of the operations of each, with such recommendations, as the experience of the past year suggest, as essential to a more perfect administration of each.

The several institutions have been administered with generally satisfactory results.

The vital statistics are fully presented by the report of Dr. Gib. W. Carson, Clerk of the Board of Health, and exhibit an increase in the death rate, which is to be attributed solely to the prevalence of diphtheria during the fall and winter months in a very malignant form, and at times threatening to assume the proportions of an epidemic.

The report of Charles W. Francis, Chief Sanitary Officer, presents a complete history of the operations of the Health Department in its efforts to check and exterminate this dreadful disease. The tables of this officer clearly demonstrate that the work of the department has been productive of most favorable results, and at this writing, although the disease still prevails, all apprehensions of an epidemic have disappeared.

The great difficulty in educating our people to a realization of that which is an uncontroverted fact, that diphtheria is to be dreaded equally with small-pox, is as communicable, and, although not as offensive, more fatal in its ravages, and has given the Department its most serious trouble. Isolation is an essential to its suppression. To effect this, placarding the houses, no social visiting in the family where the disease exists, where there are other children than those attacked, their removal from the premises if possible, at least exclusion from the sick room, in case of death strictly private funerals, thorough disinfection of the premises, the ascertainment of local causes for its existence, if any, and

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the prompt removal of such causes: all of them must be recognized by the people, and their cordial co-work in their application must be given, otherwise no immunity can be secured. The aggregation of children in large numbers for any purpose should be avoided. The children of families in which the disease prevails should be excluded from the public schools, a precaution both the School Board and the Health Commissioner have endeavored to enforce.

The medical fraternity, who are of necessity first advised of the appearance of the disease, and who are charged with the important duty of advising this department at once of its existence, have, as a rule, been prompt in their reports. Without their hearty co-operation the department cannot take that prompt action so essential to effective work in its suppression

With our experience in the past year, and the better education of our sanitary force in such work, the preservation in the tangible form of ward maps, showing the localities where the disease has prevailed, the sewers, water supply, wells, dairies, slaughter-houses, and all supposable insanitary surroundings, will enable the Health Department to apply the information secured in more intelligent and effective work in the future.

Scarlet fever has prevailed to some extent, as also measles, yet the city can be truly classed as a healthy city. As to small-pox, the most dreaded of urban diseases, it is a thing of the past, there being no case in the city for more than twenty months, and if there is a strict adherence to the rules for its suppression enforced by the present Health Commissioner, its reappearance should cause no apprehension of the renewal of the ravages which have marked its course in former years.

I do not desire to be classed as an alarmist if I call your attention to a possible visit of that most dreaded of plagues, "Asiatic Cholera."

The weekly reports of the Surgeon-General United States Marine Hospital Service have kept the country advised of the localities in which the disease exists, and that it has implanted itself both on the Atlantic and Pacific coast of this continent, is an unpleasant fact that must not be ignored. With the intercourse between the United States and the infected countries, the silent and insidious approach, but worst of all, the devastations of this scourge, should awaken us to the necessity of renewed and effective sanitary work throughout the city.

That our sanitary methods, sporadical sanitary work, with no permanent thoroughly organized sanitary force, leaves the city recurrently in a filthy and insanitary condition, is well known to all who have given the subject consideration. To-day, this city, beyond question, demands a large amount of work to place it in a thoroughly sanitary condition. Dirty alleys, filthy yards, full and foul privies, and stagnant ponds, most of all impure wells and cisterns, exist throughout the city. This condition of things should be changed without delay. The public health is conserved by thorough sanitation. This can only be brought about by the continuous work of efficient sanitary officers. I therefore urge that immediate provision be made for this necessary work. It may be true that there is no immediate danger of a visitation from the great scourge, but to be in condition to receive such visitation is that quality of prevention that every thoughtful and prudent man must desire, and it is the duty of the guardian of the public health, to demand.

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THE CITY HOSPITAL.

The accompanying report of Dr. Henry C. Dalton, Superintendent, furnishes a history of the institution for the past year. It is accompanied with the usual statistical information. I can but repeat so much of my last annual report as relates to the condition of the Hospital: —

"In no one of the institutions of this city do we find a building and its appliances so unfitted to the demands of the hour as is presented by the City Hospital. It stands as a monument of expedients to meet the increasing demands that have arisen from time to time, and upon the occurrence of each, improvised remedies have been adopted to bridge over the pressing necessity so that the various wards of the building are without that conformity, the one to the other, that is recognized as essential to a modern hospital. So of the appliances with the increasing demands for hospital treatment, they are at best makeshifts. To the humanitarian, who has made hospital architecture a study, who has grasped the improvements of the age, who thinks space, temperature, easy methods of access, are controlling factors in such structures, the City Hospital is but a mockery when compared with his ideal of what a hospital should be.

"The necessity of a new structure, or large addition, becomes more pressing each year.

"To care for the sick in the limited space of the City Hospital is practically a packing process, which has reached the utmost limits of the building.

"It is for the Municipal Assembly to determine the modes by which existent conditions are to be changed. If the erection of a new structure is not practicable, new wards for immediate use should be provided, of capacity equal to the accommodation of two hundred patients, thus relieving the present wards from their present crowded condition. Two of the wards should be specially constructed with a view to the perfect isolation of patients suffering from contagious diseases, and to relieve the hospital proper of cases of 'alcoholism.'"

Looking at the requirements of the present, the new water-closets introduced during the past year have added much to the hygienic condition of the hospital. To complete this much needed work similar changes should be made in the other wards of the hospital.

I renew my suggestions that an elevator be provided: "The erection of an elevator is urgently pressed, the old system of passing patients up the narrow and tortuous stairs, on stretchers, by hand, is so crude and cruel that it stands out a permanent blot and reproach to our humanity."

The present entrance to the hospital on Linn Street, through which all patients and supplies are received, should be changed to Carroll Street, north side of grounds. With a double track street railroad on Linn Street, the track within six feet of the gutter, at all times and especially during the winter months, presenting obstructions to the free use of the entrance, thereby not infrequently delaying the admission of sick and casualty cases, so as to endanger their lives, is all that is required to warrant the change to a point where no such objections exist.

During the past three years the unsightly grounds on the north side

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have been filled and graded, and are now sown in blue grass, and planted with young maple trees, adding much to the appearance of the hospital. With the extension of the brick wall on Linn Street to the corner of Carroll Street, and a substantial fence on the Carroll and Grattan Street sides, the hospital grounds as a whole will be an ornament to the city, and give to the convalescent patients the opportunity to accelerate to their recovery by the use of pleasant and attractive out-door surroundings.

INSANE ASYLUM.

The inmates of this institution aggregate 519. Its general condition varies but little from that presented in my last annual report. All the objectionable features remain and clamor as loudly as ever for that relief, which is only to be found in additional quarters, giving ample room for intelligent and humane treatment of this class of unfortunates. The report of Dr. Le Grand Atwood, Superintendent, with the accompanying tables, presents all the statistical information accumulated during the year. The institution has been run with proper economy, and although the aggregate expenditure is greater than the last fiscal year, the additional number of inmates, with the increase of attendants and necessary repairs, will fully account for the difference. The kitchen is upon too contracted a scale for the amount of work required to be done in it and should be enlarged.

The necessity for the introduction in the laundry of new machinery embracing the latest improvements, is again urged. The saving of material destroyed under the present system, hand labor of patients, would soon pay for the outlay, and the work itself would be quicker and better performed.

The main building needs a large amount of repairs, which cannot be longer delayed. The entire work outside should be repainted, the plastering in many of the halls and parts of the center building must be replaced. The floors of all the halls and the basement should be relaid.

The construction of the Oak Hill and Carondelet Railroad furnishes such ready access to the grounds of the Insane Asylum, that it is a necessity to environ the entire grounds with a substantial barrier to protect the property of the city and more especially the unfortunate patients, from the inroads of the hoodlum element, from which our city is by no means exempt. The present stone wall is in a very dilapidated condition, and will require to be rebuilt. This work being an immediate necessity, I recommend that so much of the grounds as are embraced within the extension lines commencing on the southeast corner of the grounds, thence along Brannon avenue to Arsenal street, thence along Arsenal street to Cheltenham avenue, thence along Cheltenham avenue to a point due west of the place of beginning, thence to the southeast corner of the grounds, be enclosed by a substantial wall or fence adequate to protect the grounds, buildings and patients from obtrusive and undesirable visitors.

THE FEMALE HOSPITAL.

The Hospital is in perfect order, scrupulously clean, the patients well clad and amply supplied with abundant and wholesome food. The

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administration is good. The amount and character of the professional work appears in the report of the Superintendent, Dr. George F. Hulbert. During the past year the northeast wing has been reconstructed, and with the water closet system attached, is in all respects a decided improvement upon the old structure. The northwest wing is developing the same defects that necessitated the rebuilding of the northeast wing. Whether it will be necessary to reconstruct it in the near future is a question that must be determined by the Commissioner of Public Buildings. The necessity of a lying-in-ward is again brought to your consideration. Lapse of time seems only to strengthen the reasons heretofore submitted to your consideration for this much-needed addition to the Hospital. The porches now used as dining halls are becoming each day more dilapidated and insecure. Never adapted to the uses they subserve, they will have to be abandoned, and should be replaced by the construction of a suitable dining hall for each ward. The plan of change contemplates not only dining halls, but commodious flights of stairs, furnishing ready and safe exit for patients in case of fire.

The former appropriation for a laundry should be renewed. My previous reports have so forcibly presented the requirements of this addition that I can add nothing to give them additional force. In the past year the main cistern, upon which the institution relied for water storage, caved in, restricting this important essential to the comfort as well as safety of the institution to a wholly inadequate storage. I recommend an appropriation at the earliest possible moment to meet this want. The former structure used as a colored ward, and for office purposes, was destroyed by fire, a casualty that attached no blame to any one, involving no loss except the structure itself, which was fully covered by insurance. The patients were removed to the main building, and have since been cared for as other patients. The construction of a lying-in ward will in the future enable this class of patients to be cared for in the main building.

The external surroundings of the Hospital have been greatly improved by the terracing of the Arsenal street front and the handsome wire fence. I recommend that this fence be constructed so as to embrace the entire grounds, with interior lattice on the north side to give the necessary privacy to the grounds.

THE POOR HOUSE.

The management of the Poor House, under Superintendent Thomas Cleary, has been unexceptionally good. The highest evidence of the special fitness of the Superintendent for his position is to be found in the uniform thorough cleanly condition of the wards and halls and grounds of the institution; the healthful and cleanly appearance of the inmates; the ample supply of wholesome and properly prepared food; the humane and considerate treatment of the insane and other inmates; the excellent discipline of the institution — all being apparent to the most casual observer.

The wise economy practiced is shown in the detailed statements of the expenditures.

Connected with the Poor House is a bakery, which supplies the bread consumed at all the institutions of the city except the House of Refuge; also, a dairy, supplying milk to the Female Hospital and Insane Asy-

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lum. These two adjuncts form no inconsiderable portion of the responsibility imposed upon the Superintendent, and the satisfactory results which have attended his management are to be commended.

During the past year the kitchen has been removed from the main building, and a new kitchen, with entire new apparatus, has been erected between the main and rear buildings. The main building is thus entirely freed from the fumes and vapors of the kitchen.

The vacated kitchen has been utilized for dining halls for employees, supplying a much needed requirement. The entire interior of the main building has been painted, adding much to the interior appearance, and getting rid of the intolerable nuisance of daily showers of scales of whitewash. This work has been done almost entirely by patients, under the supervision of an employee, and at an insignificant cost. I again urge the erection of additional pauper quarters, add to it a laundry building, with improved machinery, change the present laundry into quarters for male paupers, and several troublesome problems will be solved. The entire main building can be used for the incurable insane, thus relieving the pressure that exists at the Insane Asylum, and accomplishing at the same time the removal of all paupers from immediate contact with the insane, and giving to this unfortunate class that serenity which is the essential requirement of old age and infirmity, the deprivation of which hitherto has been to the humanitarian one of the most offensive features of St. Louis pauper life.

The garden and its products during the past year have been a most notable feature in the management of the Poor House

I call your attention to the volume of the products, and the corresponding influence upon the cost of the maintenance of the inmates.

CITY DISPENSARY.

The report of Dr. W. B. Dorsett, Dispensary Physician, gives a full account of the Dispensary work. The prompt and intelligent handling of the thousands of patients sent to the hospitals, the many thousand indigent sick treated, furnished with medicines, and visited at their homes, the prompt response of the ambulance corps to all demands, and the routine work of the Dispensary, has been performed by the chief, Dr. Dorsett, and his assistants, with professional skill and unremitting and commendable personal attention.

The ambulance service, though a vast improvement upon the old service, is still below the requirements of a city with the population of ours. The handling of that class of cases termed accident cases is by no means satisfactory. In this class of cases too frequently the question of how the case should be treated when first reached, involves the problem of life or death. To leave it to be solved by the unskilled driver of an ambulance, or to the average police officer, is a wanton trifling with human life that, in this enlightened age, should not be tolerated. I ask that, in the Dispensary appropriation, provision be made for two accident ambulances, to be exclusively used as such, with full appointments of stretchers, spring mattresses, surgical cases, bandages, splints, and all other necessary equipments, and provided with an intelligent surgeon to accompany the ambulance whenever called for, so that the grave question, what shall be done with the patient? may be intelligently determined, and such prompt action as the case demands may be

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afforded. To thrust the injured into an ambulance or patrol wagon, and hammer all vitality out of them in reaching the dispensary and hospital for primary observation or treatment, should be a thing of the past. St. Louis, in this, must assert herself a city of the first class.

QUARANTINE AND SMALL-POX HOSPITAL.

The report of Steward Dan. O'Madigan gives the history of the Quarantine and Small-Pox Hospital for the past year.

There being no patients during the year, the force of the Quarantine has been reduced to the minimum necessary to protect the property, keep the buildings and grounds in good condition, and to be prepared for any emergency demanding its use, as is required by ordinance.

MEAT INSPECTION.

The report of the meat inspection shows the volume of the work done by the inspectors, giving tabulated statements of each month's work with aggregate statement for the year. That the establishment of a meat inspection has done much to improve the quality of the meat supply of the city, I think it now apparent to all our people. But much additional legislation is required. I content myself with a reference to my last annual report; the status is but little changed, and the recommendations and reasons for same remain as pressing now as when made.

MILK INSPECTION.

The Municipal Assembly has provided for a milk inspection. Whether it will result in assuring to our people a supply of pure milk can only be determined after the appliances provided by the ordinances are in successful operation. The legislation is in the right direction, and any defects that may develop can be readily cured. The Health Department will give all required assistance in the enforcement of the ordinance, and the outcome must and ought to be complete protection of the community from that class of dealers who trifle with the public health by vending adulterated and impure milk.

SANITARY WORK.

Chief Sanitary Officer Charles W. Francis has so fully elaborated this subject in his report, that I content myself with adopting his suggestions and urging them specially upon the attention of your Honor. To cover fully the requirements of this class of work, as applicable to this city and his recommendations, if duly considered by the Municipal Assembly will unquestionably result in the required legislation.

My own views as presented in my last annual report remain unchanged, are as applicable to the present condition of sanitary work and its necessity for the preservation of the public health as when presented to your Honor.

I herewith present table containing: —

1st. Estimates for present fiscal year.
2d. Expenditures for past fiscal year.
3d. (For comparison) Expenditures of past ten years.

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ESTIMATES FOR THE INSTITUTIONS OF THE HEALTH DEPARTMENT FOR THE FISCAL YEAR 1887-88.

	City Hospital.	Female Hospital.	Insane Asylum.	Poor House.	Quarantine Hospital.	Board of Health and Health Commiss'er.	City Dispensary.
....	$67,600 00	$49,800 00	$33,500 00	$72,100 00	$5,800 00	$26,500 00	$18,790 00

EXPENDITURES OF THE PAST FISCAL YEAR 1886-87, NOT INCLUDING THE UNPAID BILLS OF THE PREVIOUS FISCAL YEAR.

....	$76,081 10	$53,881 17	$81,576 75	$71,392 81	$5,101 65	$38,329 16	$17,336 29

TABLE SHOWING THE EXPENDITURES OF THE INSTITUTIONS OF THE HEALTH DEPARTMENT SINCE 1876.

1876	$58,767 61	$33,500 00	$75,129 75	$48,900 00	$8,485 57	$13,197 12	$ 8,748 51
1877	42,665 10	29,974 16	59,000 00	38,775 03	6,048 23	15,300 00	9,800 00
1878	51,347 20	33,306 34	62,733 09	47,719 60	19,365 50	20,432 84	16,018 81
1879	46,584 88	35,813 57	62,061 54	53,588 71	28,389 35	15,856 42	15,261 01
1880	61,341 79	42,259 86	71,799 57	78,086 29	8,498 76	17,018 13	17,408 11
1881	58,288 28	37,470 66	64,873 28	70,043 33	29,564 99	22,945 93	13,062 66
1882	57,782 21	48,087 20	69,866 60	76,586 68	29,629 16	16,846 00	9,813 11
1883	63,101 48	43,569 41	74,583 02	78,109 78	37,147 04	21,391 92	15,253 72
1884	61,686 52	40,962 43	74,885 52	81,569 52	17,752 53	18,097 85	17,453 17
1885	74,350 50	46,162 41	81,227 60	89,368 87	9,646 53	28,507 02	17,937 92
1886	76,081 10	53,881 17	81,576 75	71,392 81	5,101 65	38,329 16	17,336 29

TABLE SHOWING THE NUMBER OF ADMISSIONS TO THE HOSPITALS SINCE 1876.

1876	2,271	956	.....	.....	11	.....	.....
1877	1,747	911	.....	.....	13	.....	.....
1878	2,828	1,119	.....	.....	180	.....	.....
1879	2,243	1,058	.....	.....	53	.....	.....
1880	3,082	1,061	.....	.....	9	.....	.....
1881	3,838	1,241	.....	.....	344	.....	.....
1882	4,880	1,404	.....	.....	113	.....	.....
1883	5,414	1,563	.....	.....	777	.....	.....
1884	6,169	1,803	.....	.....	118	.....	.....
1885	5,670	1,689	.....	.....	5	.....	.....
1886	5,960	1,644	.....	.....	...	.....	.....

TABLE SHOWING THE AVERAGE NUMBER OF PERSONS DAILY IN THE INSANE ASYLUM AND POOR HOUSE SINCE 1876.

1876	.....	.....	325	481	.....	.....	.....
1877	.....	.....	334	471	.....	.....	.....
1878	.....	.....	323	552	.....	.....	.....
1879	.....	.....	329	596	.....	.....	.....
1880	.....	.....	333	647	.....	.....	.....
1881	.....	.....	354	682	.....	.....	.....
1882	.....	.....	367	719	.....	.....	.....
1883	.....	.....	451	727	.....	.....	.....
1884	.....	.....	443	772	.....	.....	.....
1885	.....	.....	492	804	.....	.....	.....
1886	.....	.....	518	782	.....	.....	.....

It has been the earnest effort of the Health Commissioner, during his entire term of office, to discharge all the duties imposed upon him by the Charter and Ordinances of the city, to fully meet the spirit as well as the letter of their requirements.

A careful regard for the public health, economy in the expenditure of the public money, watchful care that the institutions in my charge

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were responsive to the demand for their erection, due consideration and fairness in dealing with all my subordinates, an entire devotion of my time to the duties of my office, have been the rules of my official life. If the result has been to bring the department, in a measurable degree, to that efficiency essential to meet the public expectations, it is all that I ought to expect.

To the members of the Board of Health, who have so continuously aided me and supported me in the many duties that pertain to the office, and especially to the medical members, I am under many obligations. They can be assured that our personal relations will ever attach a sweet fragrance to the remembrances of our official intercourse.

To my several subordinates I am indebted for their intelligent discharge of their several duties.

And, in concluding this report, I may be permitted to say, if the administration of my trust has been satisfactory to your Honor, I am content.

Respectfully,

JOHN D. STEVENSON,

Health Commissioner.

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HEALTH COMMISSIONER'S OFFICE,
SANITARY DEPARTMENT,
ST. LOUIS, April 2nd, 1887.

Hon. John D. Stevenson, Health Commissioner: —

SIR — I have the honor to herewith submit the report of the Sanitary Department for the past fiscal year. The report embraces the regular sanitary work done, and also the work done during the past five months in the suppression of diphtheria.

Owing to the uncertainty of what would be the action of the municipal Assembly in making appropriation for sanitary wook, the corps of officers was not organized until early in May; and the appropriation being almost exhausted by the end of August, the force was discharged on September 1st, only four officers being retained, and in October, the number was reduced to three. These few officers were employed during September and October, in closing up the few cases left over from the summer, and in looking after a few special cases of nuisances reported; so that the great bulk of the regular sanitary work was confined to the four months of May, June, July and August.

I do not think it will be out of place to here call attention to the matter of sanitary officers and their work.

Many think that almost any one will answer for a sanitary officer nd persons are recommended, and their appointments urged by inuential parties, who are totally unfit for the position. No employee of the city has a more delicate duty to perform than a sanitary officer; they visit the homes of our citizens when the men of the family are generally absent at their business; they go all through the house and are obliged to ask questions which must be done politely and with tact; therefore, a man to be a good sanitary officer should be a man of good address, polite, and who by his manner will inspire the persons whom he meets with confidence. He should be a practical sensible man; especially must he be a man of good temper and good habits. A rough uneducated person will not do for a sanitary officer. Very few persons will be found to object doing what is for their own benefit, and if the facts and advice are properly laid before them, they will follow them.

Sanitary laws can be far better enforced by persuasion, sensible reasoning and example, than by the police court. One of the greatest drawbacks that the department here, has encountered in the matter of sanitary officers, is the uncertainty of their term of employment. The result of this is that each spring a new corps has to be broken in and under the present system there is very little inducement for the proper person to seek the position of sanitary officer as he sees no assurance that he can have a permanent place. The importance of sanitary work is being better understood each day, and I hope as we advance in other ways we will go forward with our sanitary officer. Let there be competent men employed and retained; then those in charge of the public health will have their task made much lighter.

PLUMBING AND HOUSE DRAINS.

This is one of the most important features of sanitary work in a large

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city, and one the least understood by the ordinary sanitary officer. The improvements in plumbing in the last twelve years are really wonderful; at the present time bath-rooms and water closets can be made perfectly safe and odorless; but of course this can only be obtained when competent and honest plumbers are employed, and good fixtures are used. The sanitary officer finds, that when all this can be had, few avail themselves of it, and bad and dangerous plumbing is the rule; this is especially so in the old part of the city, where old buildings are changed, and where old vaults are connected with the sewer system. In houses built over six years ago we find very few vent pipes; that is, the soil pipes are not carried up through the roof; then, the sinks in the kitchen are not trapped, and the people tell you, "Oh, we have a trap in the yard." This will not do, as, from the filthy lined, untrapped waste pipe, gases escape into the houses.

Some of the best sanitary authorities state that there is more danger from soil pipes and trapping system, which become befouled with foecal matter, than from sewers. Especially dangerous are untrapped sinks and closets which stand in a cellar near a furnace; which by means of its pipes, summer and winter, carry the gases all through the house.

The drain pipes, connecting the houses with the sewers, are frequently badly and carelessly laid. These pipes are usually the common clay pipe. When pipes pass near cisterns or wells, it would be better if the pipe was of iron, laid in wooden boxes; the cost would be greater, but they would be far safer.

Our ordinances, in relation to this house plumbing, are not as particular as they should be, and I would recommend the rules and regulations adopted by the Health Department of the city of Brooklyn be adopted here; I have examined these rules and the printed forms used there, and think they are the best I have seen.

In addition to the improvement in our laws, competent men should be appointed by the city to closely overlook the plumbing constructed in each new building, and in all old buildings that are remodeled.

The house inspections, made this winter, in examining places where diphtheria and scarlatina were reported, have done much towards revealing the extent of defective plumbing and the badly laid drains connected with the sewers.

VAULTS AND SEWER CONNECTIONS.

Tables, accompanying this report, show the number of filthy and defective vaults found during the year; the number is large and much greater than it should be, and the only way to keep this dangerous nuisance under control, is by constant sanitary inspection.

In making sanitary inspections, the department finds several kinds of dangerous and defective vaults; first, the old-fashioned cesspool, built of brick or stone, laid up loose-jointed, so as to permit of soakage into the earth; second, the cesspool being a hole dug in the ground, and lined up with plank, to keep the earth from caving in; and third, a hole dug in the ground, with a small frame house built over it; which, when it becomes partly filled, is covered up with earth, a new hole is dug, and the house removed to it.

All these kinds of vaults are dangerous, because the earth near the cesspool becomes saturated with soakage, which finds its way into the

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wells and cisterns. Then we have the vaults built before the building of the sewers; which vaults are much deeper than the pipes connecting them with the sewers; consequently there remains at all times, in the bottom, several feet of filth that has no means of escape; it is from this class of vaults we have the most complaints of foul odors. Then we have the regular vault, properly connected with the sewer, but which is often found defective, from the fact that no grating is placed in front of the opening of the sewer pipe, so that rags, tin cans, etc., cause a stoppage in the sewer, and the overflowing of the vault.

There is another vault that is found in many large tenement houses of the city; that is, a vault which is two or three stories high connected with each floor, and is not provided with means to flush it out, and in many cases have wooden boxes to carry the excrement to the main pipe, these wooden troughs and everything connected with this class of vaults become very foul; creating a terrible nuisance; vaults of this class should be prohibited.

In some parts of the city are to be found the combined vault and smoke-house; the vault is two stories high, the first floor being used as a privy, and the second as a smoke-house. It is almost incredible that, in this age, there can be found people who build and use such things.

The building of sewers has, of course, done away with much of the vault nuisances; however, during that portion of the last year, when the sanitary force was at work, there were found, over 6,000 bad vaults.

Many vaults were found along the line of the sewers, not connected, but as fast as the department can compel these parties to make connections, it is done; owing to a variety of causes, however, great difficulty in enforcing the sewer orders is met with. Of 576 orders, issued during the past fiscal year, 339 were obeyed.

I would here call attention to the very careless way in which these sewer connections are made; sewers are connected with the vaults and no trap is put in between the sewer and the vault, these sewers are connected with all kinds of illegally constructed vaults.

The sewer department should have sufficient inspectors employed to see that no connection is made with any vault unless it is done strictly in accordance with the rules of the Board of Public Improvements and the ordinances of the city: the fact is, if the Building Commissioner and Sewer Commissioner were furnished with sufficient force to carefully oversee the plumbing and sewering put in our houses, there would not be needed such a large expenditure for sanitary officers, and the general health of our city would be very much improved.

SLAUGHTER-HOUSES.

Our system is bad and defective, and while some slaughter-houses are kept clean and have good sewer connections, a great many are not connected with the sewer system; and in these places, the arrangements for the disposal of the blood and offal are very defective; many of those that are connected with the sewer system discharge a great deal of stuff into the sewers that is prohibited by ordinance, and should be carted away. The ordinances in relation to slaughter-houses are defective, and we have no regular, systematic inspection. All this can be remedied by building two large abattoirs: one in the northern and

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one in the southern part of the city. They should be built on the river, and the pens and yards connected with the railroad system entering the city. The city may not be able to build these abattoirs, but I have no doubt that private corporations can be found who would be willing to build and operate them, and the management could be controlled by laws passed by the Municipal Assembly, so that all persons engaged in the slaughtering business could be equally benefited by them.

St. Louis cannot continue with her present mode of slaughtering, and the sooner the change is made to the abattoir system the better.

DAIRIES.

We have over 400 dairies and more than 10,000 cows within the city limits, and this dairy question is becoming very serious, and one which should receive careful consideration by the Municipal Assembly. That dairies, in the heart of a large city, are a nuisance, detrimental to public health and impossible to be conducted as they should be, there is no need of discussing; but how to get rid of them so as not to injure the rights of those who have gone into that business is the question to be solved.

With very few exceptions, our dairies are filthy, badly ventilated, over crowded, and the stables, miserable wooden sheds.

Cows, kept continuously confined, saturated with emanations from their own bodies, and fed for the greater part on swill, cannot be healthy and cannot produce wholesome milk.

As a whole, the dairies of this city are a disgrace to it, and a standing menace to the health of the people.

On a shallow lot, in the closely built up portion of the city, fronting on a narrow alley, is no place for conducting a dairy.

Last winter the Health Department prepared an ordinance which, it was thought, would, in a measure correct these evils; it was introduced into the Municipal Assembly, but met with such strong opposition from the dairy interest that nothing was done with it, and it was pigeon-holed.

An ordinance providing for a milk and dairy inspector has passed the Municipal Assembly, but in my opinion it is a weak, defective law, and must have been prepared by persons who understood little or nothing of the subject, or who wished to have a dead statute on our books.

The present ordinances in relation to the dairies are ineffective.

In fact, it is a question if, in their present form, they are legal; experience shows that under their provisions the Health Department can make no headway in controlling the dairies.

In my opinion, no dairy should be allowed within the city limits east of Grand Avenue, and they should only be allowed west of Grand Avenue when properly constructed and where the parties have sufficient ground to properly conduct the business; they should be under the control of the Health Commissioner and be inspected by inspectors who have had experience in the care and feeding of cows, and who can detect those that are diseased; there should be competent persons appointed as milk inspectors, and clothed with the proper authority to publish and prosecute all persons detected in selling impure milk.

There is no question but that the bad milk sold is the principal cause of our large infant mortality.

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PONDS.

The pond nuisance, which has been a troublesome one to the Health Department in years past, is rapidly disappearing from that portion of the city east of Grand Avenue. The extension of the sewer system and the large amount of work done by the Health Department in draining, has greatly reduced this class of nuisances, still, in the 16th, 19th, 21st and 22d wards (old numbers), there remain some very bad ponds.

During the past summer, the department, by means of the steam pump, which was purchased late last year, pumped out a large number of ponds. Many of these ponds were partly on private and partly on public property. They were pumped out in the middle of summer and in the early fall, and while many have since partially filled up, the water in them is fresh.

The emptying of these ponds during the hot months was a great relief to the immediate neighborhood in which they were located. For the most part, they were ponds that had existed for years; had been the receptacles for all manner of filth, and the water in them was exceedingly offensive.

Some ponds were pumped out on the promise of the property owners that, if they were emptied, they would have them filled. I regret to say, however, that none of these promises were fulfilled.

The pumping out of these ponds is expensive, and while considerable relief is afforded, it is questionable whether it is worth the expense; and I recommend that, hereafter only special ponds be treated in this manner.

An attempt was again made this last summer to get rid of the large pond south of the House of the Friendless on S. Broadway, but it was not successful; still, I believe from what work was done, that, in another season it can be accomplished; it is a very bad pond, and dangerous to the health of the inmates of the "Home;" it is one of the class of ponds which, if they cannot be abated, should be pumped out every season.

This pond nuisance is a very difficult one to manage, and nothing can be done with it under the ordinances; these provide that the ponds shall be abated by the President of the Board of Public Improvements, and that special tax bills shall be issued against the property owners for the work.

The clause of the Charter, under which these ordinances are drawn, has been decided to be defective, and the President of the Board of Public Improvements has always declined taking any action.

Amendments to the Charter, correcting these defects, have been twice submitted to the people at elections held for amending the Charter, and twice these amendments have been voted down by our citizens.

The sewerage and drainage of that part of the city west of Grand Avenue is a question that will, during the coming year, give the city authorities, particularly the Health Department, a great deal of attention and work.

The building of residences west of Taylor Avenue and between Forest Park and Easton Avenue, is going on at a very rapid rate, and the disposal of the water and sewerage, in a proper way, is something that will need very serious consideration.

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In several localities, parties have put up buildings, introduced water-closets, connected the same with sewer pipes and carried the discharge into neighboring (so-called) water-courses and ravines; this is a dangerous proceedure; invites malaria and typhoid fever, and when carried to any extent, will be sure to endanger health and damage property. Like many things of similar character, it is being allowed to go on increasing and when the evil has grown to such an extent as to bring it forcibly to public notice, it will then be found a very difficult thing to handle. The authorities should at once take hold and decide on some positive line of action. Either this sewerage and water should be carried to the River Des Peres by line of pipe or the whole present system of discharge from houses changed, until the sewers reach the western limits. It is a certain fact that it must not be allowed to continue and increase as at present.

DISCHARGE OF STEAM INTO SEWERS.

This is a dangerous, unsanitary procedure, which I regret to say prevails to a great extent. The steam from factories, founderies and manufactories, discharged into the sewers, drives the sewer gas, with the steam, through the closets and vaults of houses adjoining. The ordinance, as at present, is defective. The Sewer Commissioner attempted to have the law remodeled, but the bill which he prepared was not favorably considered by the council.

DIPHTHERIA.

In treating this subject in the Sanitary Report, the disease is not to be considered, but its supposed causes and effects; and, what I state, and the tables which I furnish with this report, may be of some use and interest to medical men and sanitary workers.

Much has been written about this disease and its causes, and there seems to be, among those who have studied the disease, a difference of opinion as to what are the principal causes of it. Nearly all authorities agree that the disease is contagious and infectious, and that it is endemic in certain localities.

Prof. Erwin F. Smith of Michigan who is at present connected with the government Botanical Division of the Department of Agriculture at Washington, in a paper read at the Sanitary Convention at Ypsilanti, Michigan, July, 1885, on the subject of the "Influence of Sewerage and Water Supply on the Death Rate in Large Cities," furnishes considerable data and information on the subject of diphtheria and its causes; and I quote the following from his report: —

"Dr. Alex. Spiess, associate editor of *Vierteljahrsschrift für öff. Gesundheitspflege*, Frankfort am Main, states that German physicians have not been able to trace any such connection between sewerage and diphtheria as English writers have endeavored to show. This view also appears to be that entertained at present by the best English and American authorities. It would not seem that well-conditioned sewers exert any marked influence upon diphtheria, and it is also very questionable whether defective sewers exert anything like the pernicious influence attributed to them. Between such sewers and the old vault system there is probably very little choice. * * * Dr. Henry B. Baker and others have shown that diphtheria exhibits a marked tend-

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ency to rise and fall by periods of years, *i.e.*, to run in *epidemic waves*. In this respect it behaves much as do small-pox, scarlet fever and other *contagious* diseases when left to themselves. Its periods of greatest prevalence bear no relation, however, to those of the two communicable, non-contagious, 'filth diseases' — cholera and typhoid fevers It would seem that any one studying carefully the fluctuation. of diphtheria must reach the conclusion that it is not, properly speaking, a 'filth disease,' but ought rather, to be classified with small-pox, scarlet fever, and other diseases which spread by direct contagion. In cities where the unsanitary conditions are nearly constant, and where, on the supposition that diphtheria is a 'filth disease,' we should be able to count upon it as a pretty nearly constant factor in the general death rate, we frequently find the greatest variability. In other words, the disease behaves exactly like the other contagious diseases, but not like the non-contagious communicable ones.

* * * * * * * * * *

"The exciting cause of diphtheria is unquestionably a specific contagium, capable, under certain conditions, of retaining its infecting power for a long time. All recent authorities in etiology admit this, and the experience of great numbers of health officers and local boards serves to confirm the belief. Our present knowledge of the disease can be satisfactorily interpreted on no other hypothesis. Moreover, it would appear that very recently Dr. Rudolph Emerich has succeeded in isolating the *contagium vivum* (a bacillus), and in causing genuine diphtheria in pigeons by inoculation of pure cultures of this fungus. Admitting the bacillary nature of diphtheria, we have an easier explanation of its spread than by the roundabout way of the sewers, *i.e.*, by the direct contact of well persons with the sick or convalescent, and by the transmission of infection through books, letters, play-things, clothing, bedding, furniture and walls. It is possible the disease may arise *de novo* in some instances, but the whole tendency of modern etiological research is against any such view. It is not always possible to trace the source of infection in other contagious diseases, not even in small-pox, but we are not thereby forced to the conclusion that they must arise independently of any specific contagium. Such reasoning would be in the highest degree absurd. The belief that diphtheria is due to a specific micro-organism of some sort receives confirmation from the fact that this disease, like all the other contagious diseases, is spread by the crowding together of persons in dwellings or in places of public gathering. In East Boston for a series of years (January, 1878, to December, 1882,) there were frequent epidemics of diphtheria, attributed by many to the influence of sewers. Dr. Ernest W. Bowditch, who carefully investigated the outbreaks, states that the disease was not confined to any one locality but was quite evenly distributed. He did not find the disease more prevalent in the sewered than in the unsewered parts of the district, but he did find that there was a marked cessation of the disease whenever the school vacation occurred. Dr. Henry B. Baker showed the same to be true of an epidemic occurring in the city of Lynn, Mass., in 1876, there being a marked falling off in the number of deaths coincident with the closing of the schools. Similar testimony comes from many sources and is not disputed. Indeed, these facts are so well understood in Michigan that on the first

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appearance of a case of diphtheria all the children of the family are dismissed from school and isolated from their neighbors as completely as possible. In case the disease shows any tendency to become epidemic, the schools themselves and all public gatherings are prohibited. The results in many instances have been most happy. If the isolation is complete and the subsequent disinfection thorough, the disease disappears."

Mr. Smith sums up the statistics he has collected and the authorities he has cited, and the experience shown by reports of different cities, with the statement that "*there is no direct relation between sewers and diphtheria.*" I have quoted from his article because it is the best treatise on the causes of diphtheria I have seen: and to be able to make a comparison with the experience obtained by this by the Health Department during the past winter.

Diphtheria had prevailed here for several months previous to January, 1886, and continued during the spring and summer, increasing a little in August. In the middle of September the schools opened; the disease took quite a start, and kept increasing week by week, until in October it had reached 429 cases and 106 deaths for the month.

The Health Department then recommended that it be empowered to take steps to check it; and in November I was given a force and ordered to go to work. The disease increased in November to 690 cases and 123 deaths. It could not be expected that it could be checked at once, but in December the result of the work was shown, when the disease was reduced to 460 cases and 94 deaths; and in January to 313 cases and 82 deaths.

The decrease has continued until now, last week there being only 28 new cases reported and six deaths.

As soon as I organized my force, I commenced posting each house in which the disease was reported; notices were daily sent to the schools where the children attended and disinfectants sent to the different houses. As soon as the physician had reported the case terminated, the house was fumigated by the Health Department. When a case was reported, the officer who posted the house made a thorough examination of the premises and filled up the blanks prepared, so that a history could be had of each case; then, when nuisances and unsanitary matters were found, notices were sent to the owners and occupants, ordering the abatement of the same.

In addition to all this, a force was employed for six weeks, under the supervision of the Sewer Commissioner, and paid by the Health Department, to flush out the sewers in those parts of the city where the disease was most prevalent.

The school authorities acted in conjunction with the Health Department, and gave very positive orders in relation to the readmission of children to the schools.

The fumigation was done in a very thorough manner, and where the families allowed fumigation to be done as the department wished to do it, it was found that in very few places the disease reappeared. Many objected to allow more than one room, namely, the one occupied by the patient, to be fumigated, and of course in these cases the disinfection of the house was not as thorough as it should be.

The method of fumigating was with sulphurous gas; allowing the

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gas to remain in the room for 1 1-2 hours, then permitting it to escape, when the room was again fumigated with chlorine gas. The fumigating has been very systematically and carefully done; and while 1236 houses were fumigated, the department has not received a single complaint of any damage; care being taken in all cases to remove all articles that would be injured. The result of the house examinations shows, that in 1669 cases, 438 premises were found with filthy cesspools, 156 with filthy vaults which were sewer connected, and 283 houses were found where the plumbing arrangement was bad; making a total of 877 cases from these three causes, being more than one-half of the whole number.

Out of 1669 cases examined, 432 cases were directly traced to contagion. That is, 125 cases to schools, 53 cases to visiting houses where the disease existed, and 254 cases contracted by being in the same building.

Diphtheria has been more prevalent in certain locatities of the city, viz.:—

	Cases.	*Est. Population.*
5th Ward	282	21,000
7th "	189	15,000
9th "	329	14,500
11th "	268	7,500
21st "	175	6,800
Total	1,243	64,500

These five wards lie together, joining one another, and the sewers starting in the 21st ward pass through the 7th, 9th, and 11th wards.

The following shows the extent of the disease in the center of the city:—

Ward.	*No. Cases.*	*Est. Population.*
3th	87	15,000
15th	110	15,500
17th	48	17,500
1st	57	18,000
2d	45	14,500
10th	98	27,500
19th	77	10,500
18th	90	32,500
20th	76	17,500
12th	180	29,000
4th	149	25,000
Total	1,017	222,500

In the following wards, namely:—

	Cases.	*Est. Population.*
14th Ward	200	24,500
16th "	182	14,000
6th "	110	10,500
8th "	67	7,000
Total	559	56,000

In the five outside wards, which in territory embrace more than double all the balance of the city, there being in these five wards, 27,772

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acres, against 11,504 acres in the other 23 wards, and where the houses are for the most part scattered, and where there is but a very small portion of it connected with the sewer system, diphtheria has prevailed to a very slight extent.

	Cases.	*Est. Population.*
25th Ward	5	1,500
26th "	13	5,000
27th "	59	7,500
28th "	123	20,000
28d "	71	7,000
Total	271	41,000

These figures show that the disease has been endemic in certain localities. Why this is so, is difficult to certainly explain; but I believe there is some cause. Here we find in the heart of the city which is closely built up and where are a great many large tenement houses, which part of the city is well sewered and supplied with water, and in a district where we have more than one-half of the total population of the city, only *two-sevenths* of the total number of cases.

Take for instance that portion of the city bounded on the south by Rutger street, on the north by Carr street, on the west by Jefferson avenue, and on the east by the river, which district embraces the Third, Fifteenth, First, Seventeenth, Second and Tenth Wards, with a population of 108,000, more than one-fourth of the population of the entire city, we have had only 445 cases of diphtheria, about one-eighth of the total number; while in the Fifth, Seventh, Ninth, Eleventh and Twenty-first Wards, which are equally as well, if not better sewered, all supplied with water, the district not closely built up, and few, if any tenement houses, the slope and formation of the ground admirable for drainage, we find more than one-third of the cases, in a population of less than one-sixth of the total.

My theory is this: that diphtheria is a contagious disease, that it becomes epidemic at certain times and that there are certain local influences that very much increase and exert a very marked influence upon it; and I believe that while the sewers ordinarily have very little to do with the disease, I still believe that where these sewers are connected with certain establishments, when diphtheria is prevalent or epidemic, they become a very important factor in the propagation and spread of the disease. These establishments that I refer to are cow stables and dairies. I have had maps prepared of the wards where diphtheria has mostly prevailed; these maps show the location of all sewers, water pipe, wells and also the location of all the dairies. On these maps has been marked the exact locality where each case of diphtheria occurred. Now, looking at these maps, you will find that in the Twenty-first Ward, between Lynch and Wyoming streets and Jefferson and Pennsylvania avenues, the sewers that pass down through the Ninth and Seventh Wards, have their head.

The neighborhood at the head of these sewers is but sparsely built up and the streets in that locality not having been graded, many of the man-holes and sewer inlets stand far above their present grade, and therefore the sewers receive but little water to flush them out. Right here (at the head of these sewers) you will find 33 dairies with nearly

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1,000 cows, and all of these dairies discharge their filth and manure through these sewers. Passing down through the Ninth Ward we find on the line of these same sewers, nearly 20 dairies that are connected; with them; and here we have had the greatest number of cases of diphtheria.

Following down into the 7th ward we have twenty-five dairies, nearly all of which are connected with the sewers, and in this locality also, diphtheria has raged very badly. Go down into the 24th ward (Carondelet), where they have only one main sewer, and while the disease has extended all over the ward, the worst portion and the greatest number of cases have been on the line of this sewer and its branches; and there to you will find several dairies connected with it.

In the commencement of the winter, the department had the sewers in the 9th and 21st wards examined and flushed out. Some of them were found almost clogged with manure from the cow stables. The flushing out of these sewers itself was found to have a marked influence on the prevalence of the disease.

There is another matter, which when diphtheria is prevalent, appears to be a great factor in the development of the disease, namely: damp houses, or houses where the first floor is level with the ground, and on which floor are the sleeping rooms. After the 9th ward, the 5th ward has suffered the most from diphtheria. Neither in this ward nor in the ward west of it, are there to be found dairies or cow stables. The ward is as thoroughly sewered as any in the city, in fact, there are hardly any blocks that have not more or less sewer facilities, the streets are clean, and the alleys are paved and kept in good condition. Go among the homes of the people, and you will find the sanitary condition of their houses excellent. Examination here shows that over two hundred houses in which there had been Diphtheria, the ground and brick work connected, and I believe that people living in houses of this kind are rendered more susceptible to the disease.

The experience of this winter shows that filthy and full cesspools have a marked influence on the development of the disease, and that these cesspools which are dangerous at all times in epidemics, become much more so. In one-half of the places examined where there were no sewer connections, the vaults were found full and in bad condition.

In conclusion, I believe the experience of this winter demonstrates that diphtheria and scarlet fever can be checked and controlled; I recommend that the department continues to post all houses where diphtheria and scarlet fever are found, promptly notify the schools of the existence of each case, and when the cases have terminated, have the house thoroughly fumigated before the children are allowed to return to school.

The funerals of all those dying of scarlatina or diphtheria should be private; and while the Municipal Assembly again refused, this winter, to pass an ordinance enforcing this important sanitary measure, I am glad to say that many of our citizens had the good sense and consideration to voluntarily have private funerals in cases of this kind.

The private and speedy interment of all those dying of diphtheria and scarlatina should be a matter not left to choice.

The tables given with this report particularize the sanitary condition of the premises in which there were 1,669 cases of diphtheria and

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what I have stated in this report is based upon the information gathered during the past five months where every case has been carefully looked into.

TENEMENT HOUSES AND WORK SHOPS.

A thorough and regular examination of all these places should be had, and laws passed to regulate their sanitary condition. Especially should places where people are obliged to work all day be properly arranged as to air, light and ventilation; and an ordinance, regulating this, should be passed by the Municipal Assembly.

Wherever in this report, ward numbers are referred to, it must be understood that they were the old wards as existed prior to March 1, 1887. The records had been kept all through the year under this division and a report could not be made otherwise.

Respectfully,

CHARLES W. FRANCIS,

Chief Sanitary Officer.

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TABLES ACCOMPANYING SANITARY OFFICE REPORT.

Table No.	1.	Number and classification of nuisances reported and abated
"	2.	List of drain pipe laid by Health Department.
"	3.	Sewer connections ordered by Health Department .
"	4.	Ponds drained by Health Department.
"	5.	Ponds pumped out by steam pump.
"	6.	Locating cases of diphtheria.
"	7.	Showing sanitary condition of majority of cases where diphtheria existed.
"	8.	Showing sanitary condition of premises under various headings.
"	9.	Statement in relation to dairies.
"	10.	Giving expenses for the abatement of nuisances.
"	11.	Statement of expenses for the suppression of diphtheria.

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GENERAL REPORT—TABLE No. 1.

NUISANCES REPORTED AND ABATED DURING THE FISCAL YEAR 1886 AND 1887.

MONTH.	Foul and defective privies.	Obstructed Sewers.	Illegally constructed vaults.	Filthy Yards.	Bad Cellars.	Filthy Drains.	Manure Piles.	Ash Piles.	Public and private alleys.	Public Gutters.	Defective Plumbing.	Filthy Stables.	Filthy Cisterns.	Hog Pens.	Filthy Lots.	Filthy and Damp Houses.	Sheds.	Filthy Wells.	Slaughter Houses.	Bursted Sewers.	Obstructed Sewer Inlets.	Filthy Cattle Yards.	No Stench Pipes.	Slops.	No Vault.	Filthy Urinals.	Defective Eave Troughs.	Total.
May	571	210	36	567	152	98	71	338	279	100	13	8	16	7	28	22	6	6	2	8	9	3	3	13	1	....	1	2,568
June	578	153	155	194	92	73	56	215	167	59	10	17	22	12	41	16	9	5	....	1	26	1	....	9	2	....	12	1,925
July	640	182	140	148	52	75	71	266	125	31	5	18	21	18	16	9	4	5	5	2	18	3	....	12	1	1	4	1,872
August	509	71	266	105	57	55	32	194	208	51	10	9	18	6	17	6	7	....	1	2	16	3	....	5	....	....	....	1,648
September	160	53	48	38	24	31	15	36	42	16	4	....	1	2	....	5	2	....	1	2	....	....	....	5	....	....	2	437
October	40	23	9	10	15	6	1	6	11	1	3	....	1	....	1	5	1	....	....	....	4	....	....	8	....	....	1	145
November	491	145	81	75	73	54	14	75	64	3	118	2	3	3	8	22	....	2	4	1	....	3	....	3	1	1	5	1,251
December	427	107	118	57	41	42	15	72	119	....	154	5	6	1	12	16	1	2	3	1	....	....	....	4	....	1	6	1,210
January	99	14	40	25	17	....	4	6	10	....	63	1	1	....	....	3	....	....	....	....	....	1	....	1	....	1	....	236
February	138	37	54	11	33	16	2	10	16	15	71	23	1	12	11	64	8	1	2	3	4	7	40	5	....	2	2	588
March	131	43	32	12	31	20	3	13	19	13	67	25	2	16	12	67	13	2	....	....	5	....	6	3	5	2	1	543
Total	3784	1037	979	1242	587	470	284	1231	1060	289	518	108	92	77	146	235	51	28	18	20	82	21	49	68	10	8	34	12,523

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SEWER PIPE STATEMENT.

TABLE No. 2.

PIPE LAID BY THE HEALTH DEPARTMENT DURING THE FISCAL YEAR 1886-1887.

No. of Feet.	Size of pipe.	Locality.
50	6 inch.	Ohio avenue and Arsenal street.
230	6 "	Alley s. of Wyoming, bet. Texas and Jefferson
50	6 "	Bacon, near Palm street.
50	6 "	Spring avenue, near St. Louis avenue.
100	6 "	Compton avenue, north of Shenandoah street.
1,000	6 "	Boyle avenue, near old Manchester road.
300	6 "	Alley between Boyle and Edmund avenues,
260	6 "	Bacon street, near Sullivan avenue.
60	6 "	Glasgow avenue and St. Louis avenue.
550	6 "	Natural Bridge road, west of Fair avenue.
1,250	6 "	Alley bet. Guy and Penrose and on Penrose.
256	6 "	Pope aveuue, near Wabash railroad.
40	6 "	Second and Lynch streets.
20	6 "	Thirteenth and Anna streets.
124	6 "	Baldwin and Glasgow avenue.
66	6 "	Nebraska avenue and Utah street.
200	6 "	Deliv'd to workhouse and used on embankment
50	6 "	Virginia avenue and Geyer avenue.
100	6 "	For ponds near Cherokee and Nebraska av.
100	9 "	Alley n. of Boyle av., w. of Old Manchester rd.
60	9 "	Texas avenue and Sidney street.
264	12 "	Alley, bet. Laclede and Pine, w. of Cabanne
3,050	12 "	Natural Bridge road, w. of Fair avenue.
450	12 "	Papin street, west of Manchester road.
800	12 "	Alley n. of Papin st., w. of Manchester road.
600	12 "	Clayton road and Edmund avenue.
74	12 "	Lucky and Sarah streets.
800	12 "	Kennerly av., e. and w. of Taylor street.
600	18 "	Warner av., bet. Cote Brilliante and N. Market
900	18 "	East side I. M. R. R., bet. Dorcas and Arsenal
370	24 "	Papin street, east of Manchester road.

RECAPITULATION OF PIPE LAID BY HEALTH DEPARTMENT DURING THE FISCAL YEAR 1886-87.

Total Number of Feet,	6 inch	4,756
" " " "	9 inch	160
" " " "	12 inch	6,038
" " " "	18 inch	800
" " " "	24 inch	370
	Grand Total	12,124

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TABLE No. 3.

SEWER CONNECTIONS ORDERED.

Wards.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Orders obeyed.
1st	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1
2nd	8	.....	1	1	.....	.....	.....	.....	.....	.....	.....	10
3rd	1	.....	.....	.....	.....	1	1	1	.....	.....	.....	1
4th	10	16	4	2	.....	.....	20	.....	.....	1	.....	27
5th	9	2	1	1	.....	.....	.....	.....	.....	.....	.....	9
6th	1	10	1	3	.....	.....	.....	.....	.....	.....	.....	6
7th	7	4	2	.....	1	.....	2	.....	.....	.....	.....	7
8th	10	2	1	1	.....	.....	.....	2	.....	.....	.....	8
9th	1	3	3	2	.....	.....	5	.....	.....	.....	.....	6
10th	9	1	3	2	.....	.....	.....	.....	.....	.....	.....	7
11th	11	3	.....	1	.....	.....	1	1	.....	.....	.....	7
12th	9	2	11	4	.....	.....	6	.....	1	1	.....	10
13th	2	14	3	2	.....	.....	.....	.....	.....	.....	.....	17
14th	3	1	1	.....	.....	.....	.....	.....	1	1	.....	6
15th	.....	2	3	.....	.....	.....	1	1	.....	.....	.....	2
16th	6	.....	56	25	.....	.....	.....	.....	.....	.....	.....	67
17th	.....	.....	.....	.....	28	.....	.....	.....	.....	.....	.....	14
18th	17	4	1	.....	.....	.....	.....	.....	.....	.....	.....	10
19th	18	9	3	20	.....	.....	.....	.....	.....	.....	.....	46
20th	23	11	1	.....	.....	.....	.....	.....	.....	.....	.....	22
21st	11	4	4	6	.....	.....	.....	.....	1	1	.....	23
22nd	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
23rd	5	5	12	.....	.....	.....	.....	.....	.....	.....	.....	15
24th	1	18	.....	.....	.....	.....	3	.....	.....	.....	.....	3
25th	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26th	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27th	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28th	.....	7	14	2	.....	.....	.....	.....	.....	.....	.....	15
Total	166	128	180	73	31	1	41	5	3	4	.....	339

Sewer connections ordered 576
Orders obeyed 339

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TABLE No. 4.

PONDS DRAINED AND DITCHES DUG — 1886.

1. Pond on Manchester road near Tower Grove avenue, drain pipe taken up and pond drained.
2. Two ponds on south side of Clayton road near Edmond avenue.
3. Sink hole opened, and pond drained on Texas avenue and Sidney street.
4. Pond on Ann avenue, west of Jefferson avenue.
5. Pond on Geyer avenue, between Virginia and Compton avenue.
6. Pond south side of Park avenue, west of Ohio avenue.
7. Large drain on Warne avenue from Lucky street north to Lincoln street.
8. Drain dug 375 feet on Lucky street, west of Warne avenue.
9. Drain boxes in alley between Elliot avenue and Jefferson avenue, Wright and Sullivan, opened and cleaned.
10. Pond on Agnes street, west of 20th street.
11. Ditching on Page avenue east of Sarah to drain low ground on north side of Page avenue.
12. Pond on Angelica and 21st.
13. Pond on Kennerly and Cottage avenue.
14. Pond on 13th and Ann avenue.
15. Pond in alley between Jefferson and Texas, north of Wyoming.
16. Pond on Glasgow and St. Louis avenue filled.
17. Pond on west side of Virginia, north of Geyer.
18. Two ponds on Compton near Shenandoah.
19. Pond on Ohio between Wyoming and Arsenal.
20. Pond on Bacon street near Sullivan avenue.
21. Large ditch dug on south side of Natural Bridge Road from Fair avenue, 1200 feet west, to lay double line of 12 inch pipe.

TABLE No. 5.

LIST OF PONDS PUMPED OUT BY STEAM — 1886.

1. Caroline and Joab street.
2. Two ponds on Iowa avenue near Gravois.
3. South side of Crittenden street west of Jefferson.
4. Arsenal street between Ohio and Iowa.
5. Two ponds on Capital and Winnebago.
6. Broadway and Miami.
7. Illinois avenue near Potomac.
8. Second Carondelet and Park avenues.
9. Carondelet road near Wyandotte.
10. Stein street, Carondelet.
11. Southwest corner Iowa avenue and Cherokee street.
12. Just south of Laclede Park.
13. St. Louis avenue and 23d street.
14. St. Louis avenue and 25th street.
15. St. Louis avenue and Glasgow avenue.
16. Newhouse avenue and 19th street.
17. Perry street and Blair avenue.
18. Two ponds on Florissant near Newhouse.
19. Two ponds on Florissant near Angelica.
20. Penrose street near Florissant avenue.

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STATISTICS IN RELATION TO DIPHTHERIA.—TABLE NO. 6.

WARDS.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November.		December.		January.		February.		March.		Total Cases by Wards.	Total Deaths by Wards.	Estimated Population by Wards.
	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths			
1	3	1	..	..	2	1	4	1	2	1	10	2	....	..	....	..	4	2	7	2	6	1	3	1	8	2	2	2	6	4	57	20	18,000
2	....	..	..	..	2	..	2	..	....	..	....	..	1	..	2	1	1	1	1	4	12	....	8	..	6	3	....	..	10	4	45	17	14,500
3	....	3	1	2	2	..	5	3	6	..	4	3	3	1	3	3	13	4	22	5	7	2	10	1	1	..	....	..	....	..	87	25	15,000
4	7	..	2	1	3	1	5	..	10	4	6	4	6	3	3	1	8	2	9	1	51	13	15	4	8	3	5	1	11	1	149	37	25,000
5	12	2	7	..	8	5	10	3	7	1	16	5	13	5	10	4	12	7	27	4	59	9	55	14	21	5	14	5	11	2	282	71	21,000
6	10	4	10	5	5	3	1	..	6	1	2	1	2	..	11	4	....	..	8	3	15	2	5	3	8	3	11	1	16	2	110	32	10,500
7	3	1	4	3	5	2	9	2	3	1	1	..	1	1	6	3	30	10	14	3	25	1	32	8	18	4	19	6	19	6	189	51	15,000
8	2	3	4	1	3	1	13	2	2	..	2	..	1	..	2	..	10	2	8	2	3	....	7	..	5	1	2	..	3	..	67	12	7,000
9	13	7	3	1	5	3	6	1	8	1	14	1	15	4	25	5	32	7	45	9	70	10	46	6	22	5	17	1	8	1	329	62	14,500
10	5	2	7	1	5	2	2	1	3	1	1	3	3	1	1	..	4	2	7	3	21	3	10	2	11	1	9	3	9	..	98	25	27,500
11	6	3	3	2	5	1	5	2	11	2	13	3	13	4	21	2	24	2	58	8	51	14	17	2	19	4	8	1	14	1	268	51	7,500
12	2	..	4	..	..	..	6	1	9	5	6	4	13	1	16	3	14	4	22	9	38	4	26	7	12	3	10	4	2	..	180	47	29,000
13	3	..	4	5	4	4	2	..	....	..	2	..	4	3	6	1	4	2	14	6	17	1	23	2	19	6	7	..	3	1	112	31	10,000
14	12	4	9	4	8	2	7	4	8	1	13	2	8	5	9	4	14	4	34	13	32	10	21	2	13	4	5	1	7	2	200	62	24,500
15	3	..	2	1	1	..	1	1	6	..	4	1	3	1	1	..	4	1	13	1	31	4	16	3	14	5	6	..	5	1	110	19	15,500
16	9	4	9	4	8	2	7	2	1	1	7	..	15	7	21	10	16	5	19	5	26	6	19	8	10	..	11	6	4	2	182	62	14,000
17	3	2	1	..	1	2	....	..	1	..	5	1	3	1	2	1	4	2	4	1	12	1	5	..	2	2	4	2	1	..	48	15	17,500
18	2	..	6	2	4	1	2	..	1	2	2	..	3	1	....	..	10	2	6	3	20	2	11	5	10	2	8	3	3	1	90	24	32,500
19	1	1	2	..	1	2	3	..	1	1	..	..	1	..	2	2	12	4	9	....	15	3	11	3	10	..	3	..	6	2	77	18	10,500
20	....	2	1	..	1	2	4	..	5	1	....	1	....	1	5	3	7	1	13	3	15	4	11	..	7	..	3	..	2	..	76	18	17,500
21	4	3	..	..	1	..	2	..	2	..	2	1	2	2	....	..	6	..	25	2	24	11	30	5	32	11	6	3	2	4	175	44	6,500
22	5	..	2	..	1	..	4	..	2	..	1	1	3	..	7	2	13	2	15	3	8	1	16	3	3	1	....	..	2	..	82	13	4,500
23	9	..	4	..	1	2	1	1	3	..	1	1	2	..	5	..	8	..	7	2	....	....	11	1	7	2	6	..	8	2	71	11	7,000
24	4	3	2	1	1	..	4	3	5	1	19	4	26	9	41	13	27	8	31	5	19	4	18	10	11	5	12	1	220	67	12,500
25	....	1	..	..	..	..	....	..	....	..	....	..	....	..	1	1	1	....	....	....	3	....	....	..	....	..	....	..	....	..	5	3	1,500
26	1	1	..	..	1	..	....	..	....	..	....	..	....	..	....	..	2	1	5	3	3	1	1	..	1	..	1	..	....	..	13	7	5,000
27	....	..	5	..	..	..	....	..	....	..	1	..	....	..	1	1	7	2	14	4	18	6	4	2	3	1	6	1	59	17	7,500
28	2	..	1	1	4	..	4	..	2	1	1	..	3	1	3	1	9	5	14	4	37	6	12	2	15	2	11	2	5	3	123	28	20,000
Total Cases	124	45	94	35	82	42	107	24	100	28	123	32	138	48	187	57	292	85	429	106	699	123	460	94	313	82	183	47	182	41	3,504	889	411,000

Total cases of Diphtheria during 15 months, Jan. '86 to April '87.....3,504
Total deaths from Diphtheria during 15 months, Jan. '86 to April '87. 889

Total cases of Diphtheria during fiscal year of 1886-87.....3,204
Total deaths from Diphtheria during fiscal year of 1886-87..... 767

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TABLE No. 7.

SANITARY CONDITION OF PREMISES, FROM WHICH DIPHTHERIA WAS REPORTED, FROM NOVEMBER 1ST, 1886, TO MARCH 31ST, 1887 INCLUSIVE.

MANNER OF CONTAGION.	No. of Reports.	Filthy Vaults.	Vaults not Connected.	Filthy Vaults not Connected.	Clean Vaults not Connected.	Can Connect.	Cannot Connect.	Bad Water-closets.	Good Water-closets.	Filthy Yards.	Filthy Alleys.	Filthy Cellars.	Untrapped Sinks.	Bad Blocks.	Sanitary Condition Good.	Sanitary Condition Bad.	Well Water Alone.	Cistern Water Alone.	Both Kinds.	Is Patient Alone? Yes.	Is Patient Alone? No.	Defective Plumbing.
School	125	34	28	10	18	4	24	5	12	13	16	14	17	18	59	65	.....	.....	.....	.....	.....	22
Visiting	53	6	33	11	22	8	25	2	5	2	27	2	6	9	31	33	.....	.....	.....	.....	.....	7
Same house	254	66	20	7	13	1	19	5	19	10	15	31	31	40	139	113	.....	.....	.....	.....	.....	37
Unknown	1,237	332	286	128	158	44	242	43	60	136	184	114	174	175	647	592	34	265	171	804	865	217
Total	1,669	438	367	156	211	57	310	55	96	161	242	164	228	242	876	793	34	265	171	804	865	283

Number of houses examined and posted for Diphtheria and Scarlatina from November 1st, 1886, to April 1st, 1887.....1,821
Number of houses fumigated from November 1st, 1886, to April 1st, 1887.....1,225

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TABLE No. 8.

TABLE SHOWING NUISANCES AND DEFECTS AS FOUND UNDER THE DIFFERENT HEADINGS OF MANNER OF CONTAGION.

MANNER OF CONTAGION.	Filthy Vaults.	Bad Water Closets.	Untrapped Sinks.	Filthy Cellars.	Filthy Vaults and bad Water Closets.	Filthy Vaults, Untrapped Sinks, Bad Water Closets.	Filthy Vaults, Filthy Cellars, Untrapped Sinks, Bad Water Closets.	Filthy Vaults and Untrapped Sinks.	Filthy Vaults and Filthy Cellars.	Bad Water Closets and Untrapped Sinks.	Bad Water Closets and Filthy Cellars.	Filthy Cellars and Untrapped Sinks.	Filthy Cellars, Filthy Vaults, Untrapped Sinks.	Untrapped Sinks, Filthy Cellars, Bad Water Closets.	Filthy Cellars, Filthy Vaults, Bad Water Closets.
School	23	7	10	3	1	.....	.....	1	6	3	.....	1	1	.....	.....
Visiting	8	3	6	2	.....	.....	.....	4	1	1	.....	.....	2	.....	.....
Same House	35	3	15	7	.....	.....	.....	8	10	2	.....	.....	1	1	.....
Unknown	235	14	92	53	2	1	.....	41	46	12	3	12	13	2	1
Total	301	27	123	65	3	1	.....	54	63	18	3	13	17	3	1

NATIONALITY.

German	1,098
Irish	275
American	271
French	12
Italian	13
Total	1,669

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TABLE No. 9.

SUMMARY OF DAIRIES INSPECTED MARCH, 1887.

WARD.	No. of dairies.	No. of Cows.	Filthy stables.	Filthy Lots.	Bad Drains.	Have no Lot.	Bad Ventilation.	No Pasture.	Feed Swill.
1									
2									
3									
4									
5	6	36	1	1		5	4	6	5
6	1	4	1					1	
7	24	502	4			20	7	23	24
8	4	51		1	1	3		3	3
9	28	357	10	5	2	11	8	10	14
10									
11	20	305	5		3	5	2	16	12
12	6	69	1			5		6	2
13	23	636	12			10	2	18	15
14	2	8				2		2	
15	1	6				1			
16	11	147	5		2	6	3	11	10
17									
18	2	38	1		1	1		1	2
19	10	330	4		2	2		9	8
20	2	18	2	1	1	1			1
21	56	1,601	22	7	19	6	4	21	32
22	25	636	15	4	5	1	1	14	17
23	58	1,491	38	15	54	1	9	15	45
24	19	91	10	1	14		2		
25	4	88	2	1	4				
26	17	521	7	2	11		3	5	10
27	20	737	10	6	15		3	5	10
28	58	1,861	27	16	47	4	1	20	38
Total.	392	9,578	177	60	181	84	49	176	248

TABLE No. 10.

EXPENSES OF ABATING NUISANCES, 1876.

Sewer pipe	$1,224 66
Nails, lumber and tools	221 86
Disinfectants	356 52
Board and hire of horses and vehicles	295 80
Horseshoeing, harness, repairs to vehicles, etc	85 20
Steam pump, salaries of engineers and firemen, fuel, repairs, etc	1,666 56
Salaries of laborers	6,149 40
Total	$10,000 00

TABLE No. 11.

EXPENDITURES OF THE SANITARY DEPARTMENT IN THE ABATEMENT OF DIPHTHERIA FOR THE FISCAL YEAR 1886-7.

Fumigating material and disinfectants		$1,409 62
Boarding patients at hospital		687 86
Car tickets		290 00
Hospital furniture		92 25
Printing and stationery		307 08
Rent of office		250 00
Office expenses		162 76
Postal cards and stamps		209 00
Pipe for draining ponds		23 74
Boarding of horses and hire of horses and wagons		1,218 00
Horse blankets, etc		32 15
Horseshoeing and repairing vehicles		88 10
Salaries of sanitary officers, fumigators, inspectors and physicians		7,320 31
" laborers employed flushing sewers and draining ponds		722 37
Total expenditures		$12,812 69
By appropriation ordinance	$10,000	
" " "	2,500	
Total appropriation ordinances		$12,500 00
Amt. expended in excess of appropriation		$312 69

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ANNUAL REPORT

OF THE

Clerk of the Health Commissioner

AND

BOARD OF HEALTH

For the Year 1886-87.

OFFICE OF THE BOARD OF HEALTH,
ST. LOUIS, MO., April 12, 1887.

Gen. John D. Stevenson, Health Commissioner:

SIR — It is my pleasure to hand to you, for your consideration, the ninth annual report of this branch of the Health Department. Tabular statements of the vital statistics compiled from the records of this office for the fiscal and calendar years.

I have to report a larger death rate than for last year, an increase of 2.15 per 1,000 inhabitants. This estimate is made on a population of 400,000, but I believe the facts will sustain me in saying we have at least 420,000 people.

Table No. 1 is a condensed statement of the various causes of death, during the fiscal year, given by quarters. It also shows an increase of 704 deaths over the previous year.

During the calendar year 1886 there were reported to this office 8,268 deaths and 765 still births, the latter are not included in the percentage of deaths. This is 778 more deaths than occurred last year, or as stated above an increase of 2.15 per 1,000. There were during the year 3,434 deaths of persons under *five years* of age, which is 41.5 per cent of the total mortality. This is certainly a very large infantile mortality, and its cause would be an interesting and valuable field for examination and work.

The city is to be congratulated on the creation of the office of the City Chemist or Milk Inspecton. Much good work can be done in this direction by that officer. The sale of impure and adulterated milk must be productive of serious results among this class of persons. Milk from sickly cows or saturated with the foul vapors and gases from filthy dairies, when taken into the human stomach is conducive to anything but health.

Table No. 2 presents an interesting study of the causes, ages, sex, social condition and color of the decedents. Phthisis leads the list in point of numbers, and represents 11.06 per cent of the total deaths and 2.28 per 1,000 inhabitants. Diphtheria has prevailed to a considerable extent during the year, and in some wards, as shown by table 3, the number of deaths has been quite large. In the fall of the year when at its worst, the deaths in October were 106, and in November 123. At this time the sanitary force was increased and an attempt made to suppress or check the disease. The success of this work is very apparent, that, while the disease has not been entirely eradicated, the number of deaths last month was only 41, and the number of cases reported, reduced from 690 in November to 180 in March. The total number of deaths from this disease during the year was 719.

The city has been entirely free from small-pox for more than a year, and this office has not had to record a death from this disease for many months.

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Vaccination has not been carried on as extensively as in some former years. Four thousand three hundred and ninety-eight points of *bovin virus* have been used and given to private physicians throughout the city.

In Table No. 3, a comparison of deaths from Zymotic diseases is made with other cities, and St. Louis still retains her position as one of the healthiest cities in the land. Deaths from Typhoid Fever and Diarrhœal diseases are less than the deaths from corresponding causes last year. I think this can safely be attributed to the improved sanitary condition of the city. Table No. 4 is a diagram of the city showing, by wards, the location of the total deaths, deaths from Zymotic influences, together with the deaths from Diphtheria and Scarlatina. The tables exhibiting the quarterly motality of the calendar year will be found interesting, showing as they do the influence exerted by the different seasons of the year upon the various diseases, the mortality increasing or decreasing with the change of season. The comparisons made in Table No. 14 cover a period of twenty years. Showing in what years certain diseases were most prevalent, the per cent of each to total deaths, the years in which small pox ravaged the city and other Zymotic diseases were most fatal. I have again to report the increase of the birth returns—10,296 having been reported during the year. There are a few physicians who neglect this important matter, but it is hard to enforce the provisions of the ordinance against them owing to the difficulty of getting proper evidence sufficient to secure a conviction.

I desire to tender you, and the members of the Board of Health, my thanks for kindness to me, and assistance in the discharge of my duties.

Very respectfully,

GIB. W. CARSON, M. D.,

Clerk Health Commissioner and Board of Health.

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TABLES ACCOMPANYING REPORT.

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TABLE No. 1—1886-7.

STATEMENT OF MORTALITY IN THE CITY OF ST. LOUIS FOR THE FISCAL YEAR ENDING MARCH 31, 1887.

CAUSES OF DEATH.	Total.	2d Quarter 1886.	3d Quarter 1886.	4th Quarter 1886.	1st Quarter 1887.
Total deaths from all causes	8,375	1,797	2,333	2,203	2,042
Total Zymotic Diseases	2,393	413	898	688	394
Total Constitutional Diseases	1,568	372	451	390	355
Total Local Diseases	3,239	726	692	816	1,005
Total Developmental Diseases	719	191	165	195	168
Deaths by Violence	456	95	127	114	120
Unknown	.....	.....	.....	.....	.....
Small-Pox	.....	.....	.....	.....	.....
Measles	5	2	2	.....	1
Scarlatina	118	31	50	23	14
Diphtheria	767	84	190	323	170
Membranous Croup	168	11	32	88	37
Whooping Cough	54	21	28	3	2
Typhoid Fever	114	13	52	40	9
Cerebro-Spinal Fever	24	8	4	5	7
Remittent, Intermittent Typho-Malarial, Congestive, and Simple Con'd Fevers	291	43	143	62	43
Puerperal Fever	54	4	20	15	15
Diarrhœal Diseases, Under 5 Years	333	93	218	22	.....
Diarrhœal Diseases, Other Ages	110	17	50	23	20
Erysipelas	24	4	4	7	9
Pæmia and Septicæmia	34	7	8	11	8
Syphilis	31	5	7	13	6
Inanition	207	58	72	47	30
Alcoholism	48	7	15	5	21
Other Zymotic Diseases	11	5	3	1	2
Rhumatism and Gout	21	3	4	10	4
Cancer and Malignant Tumor	160	43	43	33	41
Phthisis and Tuberculosis Pulmon	860	219	185	239	217
Marasmus—Tabes Mesenterica and Scrofula	359	70	167	73	49
Hydrocephalus, Tubercular Meningitis	57	14	24	9	10
Other Constitutional Diseases	111	23	28	26	34
Bronchitis	361	70	49	100	142
Pneumonia	487	99	47	131	210
Other Diseases Respiratory Organs	223	48	21	55	99
Diseases of the Circulatory System	415	103	71	125	116
Meningitis and Encephalitis	226	51	74	46	55
Convulsions and Trismus	412	92	133	102	85
Heat Stroke	14	.....	14	.....	.....
Apoplexy	106	31	30	14	31
Other Diseases of the Brain and Nervous System	307	86	79	67	75
Cirrhosis of Liver and Hepatitis	139	29	43	29	38
Enteritis, Gastro-Enteritis, Peritonitis and Gastritis	302	59	70	79	94
Bright's Disease and Nephritis	142	35	36	41	30
Other Diseases Urinary Organs	73	16	20	15	22
Diseases Generative Organs	17	3	4	9	1
Diseases of the Locomotory Organs	5	2	.....	2	1
Diseases of the Integument	10	2	1	1	6
Accident of Pregnancy and Childbirth	30	6	6	6	12
Congenital Debility, Malformation	401	110	102	104	85
Senility	288	75	57	85	71
Surgical operations	22	3	5	8	6
Deaths by Suicide	99	24	23	26	26
Deaths by Homicide	42	9	11	9	13
Deaths by Accident	292	59	88	70	75
Execution by warrant of law	1	.....	.....	1	.....
Unknown	.....	.....	.....	.....	.....

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TABLE No. 14.

SHOWING COMPARATIVE MORTALITY IN ST. LOUIS DURING THE PAST TWENTY CALENDAR YEARS.

Year.	Population.	Total deaths.	Ann'l death rate per 1,000.	Deaths under five years.	Per cent. of total deaths.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping cough.	Typhus and Typhoid fever.	Diarrhœal diseases (under five years).	Diarrhœal diseases (other ages).	Total from foregoing causes.	Per cent. of total deaths.	Malarial fevers.	Per cent. of total deaths.	Phthisis Pulmonum.	Per cent. of total deaths.	Pneumonia.	Per cent. of total deaths.	Still Births (not included in mortality).	No. of births reported.
1867.....	220,000	6,538	29.7	2,953	45.1	8	28	27	48	58	60	194	173	1,507	2,098	31.9	227	3.4	464	7.1	309	4.7	371	.....
1868.....	230,000	5,193	22.5	2,582	49.7	.....	8	28	35	44	26	294	409	512	1,356	26.1	127	2.4	503	9.6	371	7.1	411	.....
1869.....	240,000	5,884	24.5	3,225	54.8	214	112	55	49	51	59	202	469	409	1,620	27.5	147	2.4	571	9.7	410	6.9	421	.....
1870.....	250,000	6,670	26.6	3,449	51.7	375	32	263	75	92	97	269	371	534	2,108	31.6	180	2.7	620	9.2	350	5.2	407	.....
1871.....	260,000	5,265	20.2	2,585	49.0	9	39	68	68	79	60	174	221	317	1,035	19.6	124	2.4	509	11.3	381	7.2	363	.....
1872.....	270,000	8,047	29.8	4,058	50.4	1,591	57	47	76	66	7	176	456	549	3,025	37.5	124	1 5	568	7.0	382	4.7	630	.....
1873.....	280,000	8,551	30.5	4,014	46.9	837	35	22	61	78	80	167	496	822	2,548	29.7	140	1.4	751	8.7	510	5.9	514	.....
1874.....	290,000	6,506	22.4	3,433	52.7	447	51	87	56	53	58	131	460	295	1,638	25.1	88	1.3	581	8.9	413	6.3	510	.....
1875.....	300,000	7,532	25.1	3,755	49.8	603	70	508	160	72	10	131	378	315	2,247	29.8	212	2.8	740	9.8	450	5.9	421	.....
1876	310,000	6,019	19.4	2,840	47.1	90	55	124	167	157	54	103	314	248	1,312	21.6	216	3.6	721	11.9	460	7.6	401	.....
1877.....	320,000	5,660	17.7	2,391	42.2	.....	1	40	165	69	70	130	197	234	906	16.0	240	4.2	686	12.1	427	7.6	467	.....
1878.....	330,000	6,002	18.2	2,635	43.9	.....	35	36	156	85	46	74	238	213	883	14.7	279	4.6	786	12.2	375	6.2	434	4,681
1879	340,000	6,167	18.1	2,666	43.2	.....	25	39	141	62	41	112	477	189	1,086	17.6	197	3.1	781	12.6	433	7.0	541	4,641
1880.....	350,000	6,636	18.9	2,937	44.2	.....	55	47	113	61	79	139	488	161	1,143	17.2	241	3.6	786	11.8	539	8.1	561	7,525
1881.....	370,000	8,410	22.7	3,541	42.1	5	27	108	157	68	61	191	686	195	1,498	17.8	393	4.6	913	10.8	475	5.6	668	8,066
1882.....	400,000	7,845	19.6	3,454	44.0	12	64	346	385	103	79	166	525	179	1,859	23.6	264	3.3	870	11.0	474	6.0	705	8,401
1883.....	400,000	8,177	20.4	3,420	41.8	62	29	349	558	134	41	158	531	136	1,993	24.3	270	3.3+	944	11.5	493	6.02	709	8,885
1884.....	400,000	7,887	19.7	3,327	42.1	4	33	161	425	116	32	166	582	130	1,649	20.9	261	3.3+	845	10.7	501	6.3	790	9,684
1885.....	400,000	7,490	18.7	3,090	41.3	.....	54	164	372	109	24	125	441	91	1,380	18.4	263	3.5+	888	11.8	511	6.8	725	9,906
1886.....	400,000	8,268	20.6	3,434	41.5	.....	6	149	719	160	76	124	334	97	1,665	20.1	279	3.3+	915	11.0+	497	6.01	765	10,296

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ANNUAL REPORT

OF

DISPENSARY PHYSICIAN

FOR THE

YEAR ENDING MARCH 31, 1887.

ST. LOUIS, April 1st, 1887.

Gen. John D. Stevenson, Health Commissioner:

SIR — I have the honor to herewith submit for your consideration the annual report of the work done by this branch of the Health Department for the year ending March 31st, 1887.

Seven thousand three hundred and nine cases have been prescribed for at the Dispensary and visited at their homes. Twelve hundred and eighty-six of these cases received continuous treatment and the remainder were prescribed for or had their wounds dressed but once.

One thousand six hundred and eighty-five dollars have been expended for medicines, which, at twenty-five cents a prescription, represents 6,740 prescriptions. This amount is somewhat greater than last year. During the prevalence of diphtheria and scarlet fever many of these cases were treated at their homes, which in part accounts for this increase.

Statement of money expended for medicines for the year ending March 31st: —

April,	1886	$ 150 25
May,	"	141 25
June,	"	141 00
July,	"	93 75
Aug.,	"	127 50
Sep.,	"	139 75
Oct.,	"	130 50
Nov.,	"	119 75
Dec.,	"	151 50
Jan.,	1887	177 25
Feb.,	"	169 00
Mar.,	"	143 50
		$1,685 00

Not unfrequently persons who were unable to pay a physician for his services, but who could manage to pay for their medicines, have applied at this office for treatment. When I was satisfied that their statements were true, I have not hesitated, unless they were venereal cases, to grant their requests.

The rooms now used as a waiting room, office and examining room, are, as I mentioned in my report of last year, entirely unfit for the purpose. If possible some provision should be made whereby apartments with good ventilation and light could be obtained. The surroundings are unsanitary and much sickness among officers and employees has resulted.

Although we have since September last had one ambulance less than last year, the work done has been greater. 21,847 miles were traveled, against 20,908 last year. Not only were patients conveyed to and from the hospitals but many persons sick and injured were picked up on the streets and conveyed to their homes

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or to private hospitals. The citizens are beginning to appreciate our facilities for moving the sick, and we are frequently requested to move some sick person to his home or to a private hospital. While they are amply able to pay for this work they are unable to find a conveyance as comfortable as a city ambulance. These requests have been complied with free of charge and all necessary assistance rendered when it did not interfere with our regular work.

There have been admitted to the City Hospital 5,960 patients, against 5,670; to the Female Hospital, 1,644 against 1,689 last year. Small Pox Hospital has not had a single patient during the entire year, and not a case has been in the city. To you, sir, much credit is due for this. By the active warfare you carried on against this pest as long as it lasted you were successful in ridding the city of it.

There has been but little serious illness among the inmates of the City Jail during the past year. Three deaths have occurred, but these persons were sick before they were admitted. I again renew my suggestion as to the fitting up the rear portion of this building to be used as a hospital. I have experienced a good deal of trouble in having persons who were very ill and who could not receive proper treatment in a narrow and poorly ventilated cell, removed to the hospital. None of the officials of the criminal courts want to assume the responsibility of allowing a prisoner to be removed from the custody of the jailor, particularly if he stands charged of a grave crime; hence when they are attacked with a serious illness, no matter how skillfully the treatment and nursing may be, the chances of recovery are materially lessened. I am aware that the fitting up of these apartments, which were originally intended for hospital wards, would incur some expense and some additional trouble to the jailor; but still, in justice to suffering humanity, it should be done. To Mr. H. O. Siegmund, the present jailor, for his kindness and attention to the sick and unfortunate I desire to express my thanks.

To Drs. Outley and Priest for their faithful attention to the work at Dispensary, I am thankful, and to you, sir, for your uniform kindness and advice, I am particularly thankful.

Respectfully,
WALTER B. DORSETT,
Dispensary Physician.

I.

REPORT OF SICK AND WOUNDED TREATED AT THE CITY DISPENSARY FOR THE YEAR ENDING MARCH 31ST, 1887.

Abscesses	89	Chorea	3
Adenitis	3	Cholera Infantum	16
Alcoholism	50	Cholera Morbus	3
Aneurisms	5	Circumcisions	1
Amenorrhœa	34	Concussion of brain	12
Amputations	8	Cirrhosis of Liver	1
Anæmia	16	Colica Pictonum	15
Aphonia	1	Conjunctivitis	12
Ascites	19	Constipation	147
Asthma	37	Convulsions	1
Anasarca	3	Coxalgia	1
Arthritis	23	Cystitis	35
Balanitis	2	Chancroids	4
Bronchitis	375	Cellulitis	3
Bunions	2	Congestion of Bowels	3
Buboes	5	" " Lungs	5
Bright's Disease	18	Croup	6
Burns	43	Cerebritis	1
Bites (man)	10	Dactylitis	3
Bites (dog)	16	Debility, General	60
Cancer (not defined)	1	" Senile	12
Cancrum Oris	1	Diarrhœa	90
Carbuncle	13	Diphtheria	46
Carditis	22	Dislocation, Ankle	3
Caries	1	" Shoulder	5
Catarrh (nasal)	15	" Thumb	1
Cephalalgia	44	" Wrist	2

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Dislocation, Thigh	2
Dentition	4
Dilirium Tremens	6
Diabetes	1
Dysentery	44
Dysmenorrhœa	5
Dyspepsia	44
Eczema	41
Enteritis	13
Epididimitis	8
Epilepsy	97
Epistaxis	4
Erysipelas	12
Erythema	1
Favus	7
Fever, Bilious	4
" Intermittent	416
" Malarial	900
" Typho-Malarial	23
" Typhoid	10
" not defined	5
Fractures	105
Frost bite	10
Furuncle	5
Foreign Body in Nose	2
Gastritis	28
Gangrene	2
Gonorrhœa	10
Galactorrhœa	26
Gastralgia	20
Hæmorrhage	4
Hæmatamesis	1
Hæmoptysis	6
Hæmaturia	3
Hæmorrhoids	27
Heart Desease, Val	22
Hepatitis	13
Hernia Inguinal	1
Herpes Tonsurans	11
" Zoster	13
Hysteria	4
Hydrocele	2
Injury, Internal	3
Insanity	1
Insolation	10
Indigestion	28
Inflammation of Bowels	4
Iritis	8
Jaundice	6
Lymphangitis	2
Leucorrhœa	83
Lumbago	13
Laryngitis	43
Melancholia	1
Marasmus	10
Meningitis	2
Menorrhagia	9
Metritis	31
Metro-peritonitis	2
Morphine Habit	2
Necrosis	1
Neuralgia	84
Nephritis	14
Nervous Prostration	5
Not stated	661
Odontalgia	1
Œdema of Lungs	1
Opium poisoning	3
Orchitis	2
Otorrhœa	5
Otitis	2
Ophthalmia	3
Ovarian Dropsy	3
Paraplegia	5
Ptyalism	8
Paralysis	2
Parotitis	2
Pemphygus	1
Pericarditis	2
Periostitis	7
Pharyngitis	16
Phthisis Pulmonalis	85
Phymosis	1
Pleuritis	14
Pneumonitis	33
Pregnancy, vomiting of	2
Prolapsus Uteri	1
Prostatitis	1
Pulmonary (not defined)	62
Pediculi	4
Psoriasis	17
Poisoning, (rhus toxicodendron)	4
Poisoning (rough on rats)	1
Rheumatism, Acute	61
" Chronic	61
" Syphilitic	9
Rubeola	12
Rupture ex. lat. lig. elbow	1
Scarlatina	21
Sciatica	13
Scrofulosis	8
Sprains	138
Stomatitis	6
Stricture Urethra	1
Sting of Scorpion	1
Scald	1
Senility	1
Scabies	53
Syphilis, primary	61
" secondary	1
" tertiary	2
Spermatorrhœa	2
Tonsilitis	48
Tumors (not defined)	2
Tuberculosis	1
Ulcers, Syphilitic	1
" of arm	16
" of leg	95
" of stomach	1
" of os uteri	2
Urticaria	21
Ulcerated Stump	10
Vaccine sore	10
Vaginitis	6
Varicocele	1
Varicella	3
Vertigo	5
Whitlow	1
Wounds, Contused	244
" Lacerated	177

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Wounds, Incised	193	Wounds, Scalp	230
" Penetrating	25	" Punctured	6
" Gun Shot	37		

II.

COMPARATIVE STATEMENT OF NUMBER OF PATIENTS TREATED AT THE DISPENSARY, VISITED AND PRESCRIBED FOR AT THEIR HOMES, SENT TO THE HOSPITALS, AND EXAMINED FOR INSANITY DURING THE LAST THREE FISCAL YEARS.

1884–85, sent to City Hospital	6,169
1885–86, sent to City Hospital	5,670
*1886–87, sent to City Hospital	5,960
1884–85, sent to Female Hospital	1,808
1885–86, sent to Female Hospital	1,689
1886–87, sent to Female Hospital	1,644
1884–85, sent to Small Pox Hospital	118
1885–86, sent to Small Pox Hospital	5
1886–87, sent to Small Pox Hospital	0
1884–85, treated at Dispensary and visited at their homes	4,158
1885–86, treated at Dispensary and visited at their homes	4,887
1886–87, treated at Dispensary and visited at their homes	6,023
1884–85, insane reports examined by order of Health Commissioner	151
1885–86, insane reports examined by order of Health Commissioner	142
1886–87, insane reports examined by order of Health Commissioner	213

* Of this number 426 were non-residents, who came or were shipped to the City from the surrounding country and received only temporary treatment at the hospitals.

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REPORT

OF

MEAT INSPECTION

FOR FISCAL YEAR BEGINNING APRIL 13, 1886, ENDING APRIL 11, 1887.

Gen. John D. Stevenson, Health Commissioner:

SIR — I have the honor to submit herewith a tabular statement of the work done by the Meat Inspectors, for the fiscal year commencing April 13th, 1886, and ending April 11th, 1887.

Visited during the month of April, 1886, begining April 13, 1886: —

Meat shops	860
Slaughter houses	151
Pork houses	33
Sausage factories	41
Market houses	24
Commission houses	159
Fish stands	18
Total	1,286

Meat condemned, beginning April 13th, 1886: —

Beef	203 lbs.
Mutton	15 lbs.
Veal	30 lbs.
Total	248 lbs.

Report of stock yards visited, and stock received and inspected: —

Cattle,	14,209	Dead,	45	Crippled,	67
Sheep,	15,156	"	101	"	135
Hogs,	63,545	"	576	"	583
Total,	82,910		722		785

MAY, 1886.

Visited during month of May, 1886: —

Meat shops	1,744
Slaughter houses	277
Pork houses	49
Sausage factories	97
Market houses	32
Commission houses	175
Fish stands	36
Total	2,410

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Condemned: —

Beef	605 lbs.
Mutton	40 lbs.
Spare ribs	236 lbs.
Hams	20 lbs.
Total	901 lbs.

Report of stock yards visited and stock received and inspected: —

Cattle,	27,374	Dead,	71	Crippled,	100
Sheep,	121,186	"	854	"	992
Hogs,	19,397	"	143	"	139
Total	167,957		1,068		1,231

JUNE, 1886.

Visited during the month of June, 1886: —

Meat shops	1,884
Slaughter houses	281
Pork houses	40
Sausage factories	77
Market houses	40
Commission houses	175
Fish stands	26
Total	1,473

Condemned during the month of June, 1886: —

Beef	2,822 lbs.
Hams	2,717 lbs.
Corn beef	831 lbs.
Sausages	30 lbs.
Pork	25 lbs.
Total	6,425 lbs.

Report of stock yards visited, and stock received and inspected: —

Cattle,	9,552	Dead,	33	Crippled,	16
Sheep,	5,575	"	30	"	13
Hogs,	42,268	"	338	"	288
Total	57,395		401		317

JULY, 1886.

Visited during the month of July, 1886: —

Meat shops	2,135
Slaughter houses	348
Pork houses	71
Sausage factories	106
Commission houses	286
Market houses	60
Fish stands	24
Total	3,030

Meat condemned during the month: —

Beef	233 lbs.
Corn beef	90 lbs.
Mutton	30 lbs.
Veal	30 lbs.
Sausage	48 lbs.
Hams	595 lbs.
Total	1,026 lbs.

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Report of stock yards visited and stock received and inspected: —

Cattle,	20,677	Dead,	33	Crippled,	48
Sheep,	13,198	"	38	"	63
Hogs,	38,460	"	211	"	226
Total,	72,325		282		337

AUGUST, 1886.

Visited during the month of August, 1886: —

Meat shops	1,409
Slaughter houses	275
Pork houses	48
Sausage factories	68
Commission houses	102
Market houses	38
Fish stands	24
Total	1,964

Meat condemned: —

Beef	1,684 lbs.
Pork	112 lbs.
Corn beef	50 lbs.
Mutton	82 lbs.
Total	1,968 lbs.

Report of stock yards visited, and stock received and inspected: —

Cattle,	42,486	Dead,	110	Crippled,	257
Sheep,	35,620	"	119	"	169
Hogs,	62,930	"	280	"	333
Total	141,036		509		759

SEPTEMBER, 1886.

Visited during the month of September, 1886: —

Meat shops	1,619
Slaughter houses	233
Pork houses	52
Sausage factories	82
Commission houses	121
Market houses	44
Fish stands	23
Total	2,174

Meat condemned: —

Beef	346 lbs.
Corn beef	170 lbs.
Mutton	14 lbs.
Venison	75 lbs.
Pork	915 lbs.
Hams	1,234 lbs.
Spare Ribs	3,322 lbs.
Total	6,076 lbs.

Report of stock yards visited and stock received and inspected: —

Cattle,	49,700	Dead,	88	Crippled,	191
Sheep,	48,521	"	183	"	314
Hogs,	68,450	"	223	"	378
Total	166,671		479		783

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OCTOBER, 1886.

Visited during the month of October, 1886: —

Meat shops	2,108
Slaughter-houses	316
Pork houses	73
Sausage factories	111
Commission houses	208
Market houses	29
Fish stands	49
Total	2,895

Meat condemned: —

Beef	2,455 lbs.
Veal	80 lbs.
Mutton	52 lbs.
Pork	85 lbs.
Sausage	20 lbs.
Corn beef	8 lbs.
Hams	371 lbs.
Salted ribs	37,800 lbs.
Total	40,871 lbs.

Report of stock yards visited and stock received and inspected: —

Cattle,	49,974	Dead,	92	Crippled,	179
Sheep,	67,008	"	248	"	322
Hogs,	80,344	"	367	"	353
Total,	197,326		697		854

NOVEMBER, 1886.

Visited during the month of November, 1886: —

Meat shops	1,596
Slaughter-houses	215
Pork houses	61
Sausage factories	83
Commission houses	173
Market houses	49
Fish stands.	27
Total	2,197

Meat condemned: —

Beef	5,213 lbs.
Mutton	104 lbs.
Veal	60 lbs.
Pork	390 lbs.
Hams	2,922 lbs.
Shoulders.	236 lbs.
Salted ribs	190 lbs.
Total,	9,115 lbs.
Beef tongues	9
Chickens	175
Turkeys	42
Total	226

Report of stock yards visited and stock arrived and inspected: —

Cattle,	47,946	Dead,	121	Crippled,	147
Sheep,	42,096	"	162	"	202
Hogs,	151,330	"	561	"	500
Total,	141,362		844		849

Reported inspected 2,000 coops of game and poultry.

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DECEMBER, 1886.

Visited during the month of December, 1886: —

Meat shops	1,930
Slaughter-houses	245
Pork houses	89
Sausage factories	108
Commission houses	262
Market houses	52
Fish stands	28
Total	2,714

Meat condemned: —

Beef	2,338 lbs.
Mutton	408 lbs.
Pork	216 lbs.
Spare ribs	125 lbs.
Hams	158 lbs.
Veal	69 lbs.
Turkeys	575 lbs.
Total	3,889
Chickens	105
Turkeys	49
Geese	44
Ducks	8
Total	206

Report of stock yards visited and stock arrived and inspected: —

Cattle,	37,016	Dead,	82,	Crippled,	140
Sheep,	44,590	"	208,	"	232
Hogs,	181,495	"	1,381,	"	1,182
Total,	263,101		1,661		1,554

Reported inspected about 7,000 coops and barrels of game and poultry.

JANUARY, 1887.

Visited during the month of January, 1887: —

Meat Shops	1,638
Slaughter Houses	270
Pork Houses	78
Sausage factories	94
Commission houses	175
Market houses	45
Fish Stands	21
Total	2,321

MEAT CONDEMNED.

Beef	2,480 lbs.
Mutton	177 lbs.
Pork	550 lbs.
Hams	2,574 lbs.
Total	5,781 lbs.
Geese	31
Turkeys	7
Ducks	9
Chickens	3
Total	50

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Total Report of Stock Yards visited and Stock arrived and Inspected: —

Cattle, 18,557; Dead, 81; Crippled, 88.
Sheep 18,614; Dead, 112; Crippled, 116.
Hogs, 92,871; Dead, 524; Crippled, 487.
Total 139,042; Dead, 717; Crippled, 691.

Reported Inspected about 3,200 Coops and Barrels of Poultry and Game.

FEBRUARY, 1887.

Visited during the month of February, 1887: —

Meat Shops	1,699
Slaughter Houses	254
Pork Houses	60
Sausage factories	84
Commission houses	187
Market houses	41
Fish Stands.	28
Total	2,353

MEAT CONDEMNED.

Beef	725 lbs.
Pork	705 lbs.
Veal	300 lbs.
Mutton	80 lbs.
Venison	605 lbs.
Total	2,415 lbs.
Geese	15
Ducks	8
Total	23

Total Report of Stock Yards visited and Stock received and Inspected: —

Cattle, 8,325; Dead, 67; Crippled, 75.
Sheep, 13,208; Dead, 80; Crippled, 86.
Hogs, 42,121; Dead, 412; Crippled, 336.
Total 63,554; Dead, 559; Crippled, 497.

Reported Inspected 2,000 Coops, Barrels and sacks of Game and Poultry.

MARCH, 1887.

Visited during the month of March, 1887: —

Meat shops	1,673
Slaughter-houses	282
Pork houses	74
Sausage factories	107
Commission houses	96
Market houses	45
Total	2,277

Meat condemned: —

Beef	345 lbs.
Corn beef	238 lbs.
Pork	360 lbs.
Veal	85 lbs.
Mutton	30 lbs.
Spare ribs	30 lbs.
Hams	72 lbs.
Turkey	70 lbs.
Total	1,230 lbs.

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Ducks	66
Chickens	138
Total	204

Total report of stock arrived at the stock yards and inspected: —

Cattle, 21,117, dead, 62; crippled, 121.
Sheep, 34,820; dead, 152; crippled, 178.
Hogs, 80,510; dead, 472; crippled, 491.
Total, 136,447; dead, 686; crippled, 790.

Total reported inspected about 3,900 coups of poultry.
Total reported inspected about 500 barrels and boxes of game and poultry.

APRIL, 1887.

Visited up to April 11, 1887: —

Meat shops	801
Slaughter-houses	120
Pork houses	32
Sausage factories	48
Commission houses	28
Market house	20
Total	1,049

Meat condemned up to April 11, 1887: —

Beef	650 lbs.
Corn beef	150 lbs.
Pork	460 lbs.
Mutton	60 lbs.
Hams	130 lbs.
Total	1,450 lbs.
Snipe	50
Ducks	132
Total	182

Total report of stock arrived at the stock yards and inspected: —

Cattle, 13,885; dead, 21; crippled, 49.
Sheep, 13,730; dead, 88; crippled, 100.
Hogs, 36,350; dead, 230; crippled, 213.
Total, 63,965; dead, 339; crippled, 362.

Inspected about 1,200 coops of game and poultry.

Aggregate visits during the fiscal year beginning April 13, 1886, and ending April 11, 1887: —

Meat shops	21,046
Slaughter-houses	3,267
Pork houses	760
Sausage factories	1,106
Commission houses	2,158
Market houses	532
Fish stands	285
Total	29,154

Total condemnation of meats, in pounds and pieces, for the fiscal year beginning April 13, 1886, and ending April 11, 1887: —

Beef	20,395 lbs
Corn beef	1,537 lbs
Mutton	1,092 lbs
Pork	3,818 lbs
Veal	654 lbs
Hams	10,793 lbs

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Spare ribs	41,708 lbs
Sausage	98 lbs
Shoulders	236 lbs
Venison	680 lbs
Turkeys	645 lbs
Total	81,651 lbs
Ducks	233
Chickens	421
Snipe	50
Geese	90
Turkeys	98
Beef tongues	9
Total	901 pieces

Total inspected, about 19,300 coops and barrels of game and poultry; 500 barrels and boxes of game and poultry.

Total annual reported received and inspected:—

		Crippled.	*Dead.*
Cattle	360,818	919	1,489
Sheep	473,322	2,375	2,922
Hogs	960,071	5,718	5,500
Total	1,794,211	9,012	9,911

Number of cases brought into court for violating the meat inspection ordinance, No. 13,352	6
Number of cases fined	2
Number of cases dismissed on costs	3
Number of cases pending	1
Total	6

Respectfully submitted,

CHR. BROKATE,
Secretary.

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ANNUAL REPORT

OF THE

ST. LOUIS POOR HOUSE

FOR THE YEAR 1886–1887.

John D. Stevenson, Esq., Health Commissioner:

SIR— I have the honor to submit the tenth annual report of this institution for the fiscal year ending April 7th, 1887:—

On the first of April, 1886, we had in this institution 795 persons: 476 males, 319 females; of which there were 416 insanes; 230 males, 181 females.

There were admitted during the year 411 persons: 252 males, 159 females; of this number 45 were insane, 24 males and 21 females.

There were discharged during the year 299 persons: 189 males,and 110 females, of this number 10 were insane; 7 males and 3 females.

During the past year there were 111 deaths in the institution: 67 males, 44 females, of which 36 were insane; 16 males and 20 females, making the per centage of deaths 9.20.

The minimum number of inmates during the year at any time was 733 and the maximum 831.

The total number cared for during the year was 1,206; 728 males, 478 females; of this number 461 were insane; 254 males, 207 females.

There was during the past year one female transferred from pauper to insane department.

The cost of feeding one person for the year, including officers and employees, was $32.75; for one for month, $2.729; for one week $0.629; for one day, $0.0898.

The cost of maintaining one patient (this includes clothing, food, drugs, fuel, gas, painting, new furniture, additions, improvements, repairs, etc., etc.) for one year $89.85; for one month, $7.48; for one week, $1.7278; for one day $0.2468.

The cost of maintaining one patient (deducting amounts turned over to the city and amounts paid out of the general appropriation for permanent improvements and additions for one year, $74.327; for one month, $6.193 for one week, $1.429, for one day $0.2036.

As you will observe the average cost of food per day for one person is a great deal less than it ever was before; great quantity of vegetables being raised in our garden. The maintenance of one person is also less than it was before by about five cents a day.

During the past fiscal year, I have had all the halls painted: 43 rooms in male insane department; 35 in female department; the juvenile department 3 rooms in center building; two new dining-rooms; which was done by employees and inmates and would have cost the city $5,000 to have it done by contract. I had the foundations of a new kitchen dug by the patients, and an addition in cow stables and a new chicken house, 47x16 feet, with pigeon house for 200 pairs on top, erected by the employees and inmates. My engineers have done all gas and steam-fitting for the new kitchen and other connections which if done by outsiders, would have cost the city thousands of dollars.

The laundry here has outlived its usefulness, all the machinery is worn out.

The Chapel being on fourth floor, center building, the crippled patients have

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to go up four stories to get there; so I would recommend the erection of a new building about 32 x 80 ft.; the first story to be used for a steam laundry and drying-room provided with new machinery and the second story to be used for a Chapel

I would also recommend the cornices around the main buildings be fixed; a new floor put in building now occupied by the laundry; 300 feet of one-inch hammered sky-light glass for porches in rear of center building, so as to give enough light in new dining-rooms.

I call your attention again to the necessity of having all the outside wood work of the main building painted.

The female paupers' quarters are entirely too small to accommodate the number of inmates always increasing; something has to be done at once.

New quarters built for the female paupers, will give room for fifty female insane patients, and taking the laundry out of where it is, will give us room for fifty male paupers more.

I cannot close this report without expressing my thanks to the Franciscan Fathers, the ladies of the Industrial and Flower Missions and the Lutheran ministers for their earnest and faithful services, to Dr. Geo. F. Hulbert, for his uniform courtesy to me, since my connection with this institution, to Drs. Goldsmith and Philip Skrainka for duty well performed in their professional work during the year.

Also to my clerk and store-keeper, F. A. McGarahan and Ad. Bourdon, and to the employees who have faithfully performed their duties.

To you, sir, and through you to his Honor the Mayor, I desire to extend thanks for advice, courtesy, and a hearty response to my wishes.

Respectfully submitted,

THOS. CLEARY,

Superintendent.

TABLE No. 1.

RECEIPTS AND EXPENDITURES.

Appropriations		$77,700 00
EXPENDITURES.		
Officers' and employees' salaries	$24,716 51	
Groceries	10,185 33	
Fuel	4,729 56	
Dry goods and clothing	2,156 92	
Drugs, instruments and hospital supplies	1,884 75	
Meat and Fish	10,828 33	
Bread	7,266 28	
Farm and garden	103 93	
House furnishing goods and furniture	2,910 89	
Gas	1,533 25	
Stationery and postage	211 00	
Hardware and tools	54 28	
Repairs and improvements	281 77	
Straw	548 87	
Stable	45 00	
Lumber	271 41	
Paints, oils, etc	660 67	
Ice	321 49	
Engineer's supplies	323 38	
Milk	1,438 80	
Telephone	25 00	69,995 37
Balance reverting to general revenue		7,704 63
Total		$77,700 00

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TABLE No. 2.

SHOWING THE NET EXPENDITURES, AFTER DEDUCTING THE FOLLOWING AMOUNTS TURNED OVER TO THE CITY, AND AMOUNTS PAID OUT OF THE GENERAL APPROPRIATION FOR PERMANENT IMPROVEMENTS AND ADDITIONS.

Appropriation		$77,700 00
CREDITS.		
Balance of appropriation April 1, 1887	$7,704 63	
Profits of bakery	5,587 33	
Profits of dairy	2,226 55	
Board bills of county and other patients	1,085 22	
Cash effects of deceased patients	89 12	
Sacks, rags, etc., estimated	100 00	
ADDITIONS AND IMPROVEMENTS.		
Chicken house, 47x16 feet	$326 00	
New fire hose, 500 feet	263 50	
Two gas regulators (Francis Pat.)	130 00	
One 150 gallon copper boiler and cover	146 00	
Two 150 gallon jacket, seamless C. I. kettles	540 00	
One wrought iron range	385 00	
Kitchen utensils	282 20	
New battery for electric bells	20 00	
Gas and steam fitting in new kitchen	300 00	
Paints and oils for painting the halls	660 67	19,798 22
Net cost for the year		$57,901 78

TABLE No. 3.

POOR HOUSE BAKERY.

Flour, etc., on hand April 1, 1886		$826 43	
Flour and fuel purchased		18,682 22	
Hops, malt and yeast		167 67	
Salary, 3 bakers		1,722 74	
" 1 driver bread wagon		420 00	
Feed and care 3 horses, shoeing, etc		688 55	
Repairs harness and wagon, 1 new vehicle		405 40	
" stable and bakery		173 90	
Salt, ice, etc		174 07	
Potatoes		612 75	
Tools, pans, brooms, etc		158 16	
Total cost		$23,833 89	
By bread sold—			
Work House	250,798 lbs.		$7,523 79
City Jail	90,896 "		2,726 88
City Hospital	116,488 "		2,910 97
Metropolitan Police	4,784 "		143 52
Female Hospital	76,358 "		1,908 98
Insane Asylum	240,560 "		6,014 00
Poor House	357,324 "		7,266 23
Total	1,137,153 lbs.		$28,494 37
Empty barrels sold	4,400		792 00
Flour, fuel, etc., on hand April 1, 1887			134 85
Total credits			$29,421 22
" cost of running bakery			23,833 89
Net profit of bakery			$5,587 33

TABLE No. 4.

POOR HOUSE DAIRY.

Forage purchased	$3,838 43
Salt, etc	191 34
Tools, milk cans, pans, brooms, etc	91 22
Ice	99 97
Repairs, harness, etc	35 00
" dairy	388 16
Salary, 8 dairy helps	1,060 06
" 1 driver milk wagon	300 00
Shoeing 1 horse	16 50
20 cows purchased	1,108 00
Total	$7,128 68

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TABLE No. 4 — *Continued.*

By milk sold —		
Female Hospital	14,653 galls.	$3,663 25
Insane Asylum	11,070 "	2,767 50
Poor	8,128½ "	1,438 80
Total	33,846½ galls.	$7,869 55
10 cows sold		464 28
23 calves sold		142 00
Difference on hand between April 1, 1886, and April 1, 1887 —		
11 cows, estimated	$55 40	609 40
18 calves "	15 00	270 00
Total credits		$9,355 23
" cost of running dairy		7,128 68
Profit of dairy		$2,226 55

TABLE No. 5.

SHOWING THE NUMBER OF HEADS OF CATTLE BRED, PURCHASED, SOLD, DIED DURING THE YEAR.

	Bulls.	Cows.	Calves.	Total.
On hand April 1, 1886	1	70	7	78
Purchased		20		20
Bred			59	59
Total	1	90	66	157
Sold		10	23	33
Died		1	16	17
On hand April 1, 1887	1	79	25	105
Calves raised to cows		2		2
Total	1	92	64	157

TABLE NO. 6.

MISCELLANEOUS PRODUCTS.

Eggs, 841 doz. at 20c per doz	$168 20
Ducks, 56 at 25c each	14 00
Chickens, 182 at 25c each	45 50
Soft soap, 16,780 gallons at 10c per gallon	1,673 00
Total	$1,900 00

TABLE No. 7.

SHOWING THE NET COST OF FEEDING ONE PERSON, INCLUDING OFFICERS AND EMPLOYEES.

For one year	$82.75	For one week	.629
For one month	2.729	For one day	.0898

TABLE No. 8.

SHOWING COST OF MAINTAINING ONE PERSON.

(This includes food, clothes, drugs, fuel, tobacco, gas, painting, new kitchen utensils, additions, improvements, repairs, etc.)

For one year	$89.85	For one week	1.7278
For one month	7.48	For one day	.2468

TABLE No. 9.

SHOWING THE COST OF MAINTAINING ONE PERSON, AFTER DEDUCTING CREDITS AND AMOUNTS PAID OUT FOR IMPROVEMENTS AND ADDITIONS.

For one year	$74.827	For one week	1.429
For one month	6.193	For one day	.2036

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TABLE No. 10.

SHOWING THE AMOUNT AND VALUE OF GARDEN PRODUCTS.

ARTICLES.	QUANTITY.	PRICE.	AMOUNT.
Beans, Green	228 bushs.	$ 40	$ 91 20
Beans, Lima	164 bushs.	2 00	328 00
Beets	312 bushs.	40	124 80
Carrots	260 bushs	50	130 00
Cabbage	20,186 hds.	2	402 72
Cauliflower	18,804 hds.	8	1,504 32
Celery	4,596 bunhs.	15	689 40
Cucumbers	328 doz.	10	32 80
Corn, Green	1,110 doz.	6	66 60
Egg Plant	154 doz.	25	38 50
Gumbo	120 bushs.	1 75	210 00
Horse Radishes	51 doz.	30	15 30
Kale	124 bbls.	50	62 00
Lettuce	506 bushs,	25	126 25
Leeks	36 doz.	10	3 60
Melons, musk	603 pieces.	6	36 18
Melons, water	401 pieces.	8	32 08
Onions, Green	1,020 doz.	6	61 20
Oyster Plant	1,257 doz.	15	188 55
Potatoes, Irish	411 bushs,	50	205 50
Potatoes, Sweet	150 bushs.	50	75 00
Peas, Green	118 bushs.	60	70 80
Parsnips	495 bushs.	40	198 00
Pumpkins	198 pieces.	6	11 88
Radishes	3,039 doz.	5	151 95
Spinach	338 bbls.	50	169 00
Squashes	186 doz.	30	55 80
Tomatoes	1,151 bushs	30	345 30
Turnips	132 bushs.	40	52 80
Total			$ 5,479 53

TABLE No. 11.

SHOWING ARTICLES OF CLOTHING MADE IN SEWING-ROOM DURING THE YEAR.

Aprons, white	3	Sacques, check	6
" check	4	Sheets, unbleached	617
Bed ticks	79	" bleached	194
Bolster slips, bleached	2	Shirts, check	659
Chemises, unbleached	360	Splashers	6
Duck suits	93	Shams, bolster	4
Dresses, check	243	Towels, face	100
Drawers, male	367	" roller	42
" female	31	" dish	73
Napkins	48	Undershirts, canton flannel	349
Night gowns	87	Waists and drawers, child's	18
Pillow slips	770		
Pillow ticks	122	Total	4,621
Petticoats, flannel and ticking	414		

TABLE No. 12.

SHOWING ARTICLES OF CLOTHING REPAIRED IN SEWING-ROOM DURING THE YEAR.

Bed ticks	369	Shirts	4391
Bed spreads	117	Table cloths	15
Duck suits, male	658	Towels	55
Drawers, male	2235	Undershirts	2202
Pillow cases	860	Vests	24
Sheets	491		
Socks, pairs	529	Total	11,946

TABLE No. 13.

SHOWING ARTICLES OF PRIVATE CLOTHING MADE IN SEWING-ROOM DURING THE YEAR.

Aprons	17	Night gowns	14
Chemises	28	Petticoats	3
Drawers, women's	14		
Dresses	89	Total	165

TABLE No. 14.

SHOWING ARTICLES OF CLOTHING MADE IN FEMALE PAUPER DEPARTMENT DURING THE YEAR.

Aprons	140	Night Caps	159
Socks, pairs	58		
Stockings child's, pairs	20	Total	377

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TABLE No. 15.

SHOWING ARTICLES REPAIRED IN THE HALLS AND FEMALE PAUPER DEPARTMENT DURING THE YEAR.

Bed ticks	262	Bed spreads	219
Chemises	3,941	Drawers	149
Duck dresses	457	Dresses	1,775
Night gowns	344	Pillow cases	562
Petticoats	1,252	Sheets	699
Stockings, pairs	973		
Towels	184	Total	10,817

TABLE No. 16.

SHOWING ARTICLES REPAIRED IN SHOE AND TAILOR SHOP DURING THE YEAR.

Boots, pairs	70	Pants	2,444
Shoes, pairs	1,823	Vests	159
Slippers, pairs	1,246		
Coats	464	Total	4,206

TABLE No. 17.

SHOWING THE NUMBER OF VISITORS TO THE POOR HOUSE DURING THE YEAR.

April	364	November	333
May	537	December	333
June	487	January	283
July	477	February	293
August	474	March	478
September	494		
October	656	Total	5,254

TABLE No. 18.

SHOWING THE NUMBER OF PATIENTS ADMITTED, DISCHARGED AND DIED DURING THE YEAR.

	Sane.				Insane.		
	Adults.		Child'n				
	Males.	Females.	Males.	Females.	Males.	Females.	Total.
Patients present April 1, 1886	242	129	4	4	230	186	795
Patients admitted during the year	217	126	11	12	24	21	411
	459	255	15	16	254	207	1206
Patients discharged during the year	173	99	9	8	7	3	299
Patients died during the year	51	24	....	....	16	20	111
Whole number discharged and died	224	123	9	8	23	23	410
	235	132	6	8	231	184	796
Transferred from pauper to insane department	....	....	....	....	....	1	....
	235	132	6	8	231	185	....
To balance transfer	....	1	....	....	....	....	....
Whole number present April 1, 1887	235	131	6	8	231	185	796

TABLE No. 19.

SHOWING THE NATIVITY OF PATIENTS ADMITTED DURING THE YEAR.

	Males.	Fem.	Total.		Male.	Fem.	Total.
Austria	3	..	3	Prussia	..	1	1
Bohemia	4	1	5	Saxony	1	..	1
Canada	1	..	1	Scotland	5	..	5
England	8	3	11	Sweden	1	1	2
Holland	2	..	2	Switzerland	4	1	5
Germany	58	16	74	United States	56	47	103
France	6	1	7	Unknown	10	5	15
Ireland	88	81	169	Welsh	1	1	2
Italy	1	1	2				
Nova Scotia	3	..	3	Total	252	159	411

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TABLE No. 20.

SHOWING THE NATIVITY OF PATIENTS DISCHARGED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Austria	1	..	1	Prussia	1	..	1
Bohemia	4	..	4	Saxony	1	..	1
Canada	2	1	3	Scotland	2	..	2
England	7	3	10	Switzerland	4	3	7
Germany	42	7	49	United States	44	30	74
France	2	..	2	Unknown	5	1	6
Ireland	69	63	132				
Italy	1	2	3	Total	189	110	299
Nova Scotia	4	..	4				

TABLE No. 21.

SHOWING THE NATIVITY OF PATIENTS DIED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Austria	2	1	3	Sweden	2	..	2
Bohemia	1	..	1	Switzerland	2	..	2
England	2	..	2	United States	15	15	30
France	1	2	3	Unknown	1	..	1
Germany	16	11	27				
Ireland	25	15	40	Total	67	44	111

TABLE No. 22.

SHOWING THE AVERAGE NUMBER OF PATIENTS ADMITTED, DISCHARGED AND DIED DURING THE YEAR.

Average number admitted monthly	34.25	Average number died daily	.30
" " " daily	1.12	" " in poor house	779
" " discharged monthly	24.91	Largest number at any one time	831
" " " daily	.81	Smallest " " " "	733
" " died monthly	9.25	Percentage of deaths	9.20

TABLE No. 23.

SHOWING THE NATIVITY OF PATIENTS IN POOR HOUSE APRIL 1, 1887.

Alsace	1	Italy	
Austria	1	Nova Scotia	1
Belgium	1	Poland	2
Bohemia	12	Prussia	4
Bavaria	1	Saxony	1
Canada	2	Scotland	7
Denmark	1	Switzerland	6
England	23	Sweden	6
France	10	United States	217
Germany	194	Unknown	48
Holland	2	Wales	4
Hungary	1		
Ireland	250	Total	796

TABLE No. 24.

SHOWING NUMBER, SEX, COLOR AND NATIVITY OF PATIENTS BURIED IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.		Colored.		
	Male.	Female.	Male.	Female.	Total
Austria	2	1	.....	.....	3
Bohemia	1	.....	.....	.....	1
England	1	.....	.....	.....	1
France	1	2	.....	.....	3
Germany	11	8	.....	.....	19
Ireland	20	9	.....	.....	29
Sweden	2	.....	.....	.....	2
Switzerland	2	.....	.....	.....	2
United States	5	11	8	2	26
Unknown	1	.....	.....	.....	1
Total	46	31	8	2	87

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TABLE No. 25.

SHOWING NATIVITY, SEX AND COLOR OF INTERMENTS IN THE POOR HOUSE CEMETERY DURING THE YEAR.

	WHITE.				COLORED.				
	Adults.		Children.		Adults.		Children.		
	Male.	Female	Male.	Female.	Male.	Female.	Male.	Female.	Total.
Austria	2	.....	.....	.....	.....	.....	.....	.....	2
Belgium	1	.....	.....	.....	.....	.....	.....	.....	1
Bohemia	2	1	.....	.....	.....	.....	.....	.....	3
Denmark	1	.....	.....	.....	.....	.....	.....	.....	1
England	15	2	.....	1	.....	.....	.....	.....	18
France	7	2	.....	.....	.....	.....	.....	.....	9
Germany	71	12	2	.....	.....	.....	.....	.....	85
Hungary	.....	.....	1	.....	.....	.....	.....	.....	1
Ireland	52	19	.....	.....	.....	.....	.....	.....	71
Italy	3	.....	.....	.....	.....	.....	.....	.....	3
Mexico	1	.....	.....	.....	.....	.....	.....	.....	1
Prussia	2	.....	.....	.....	.....	.....	.....	.....	2
Scotland	1	.....	.....	.....	.....	.....	.....	.....	1
Saxony	2	.....	.....	.....	.....	.....	.....	.....	2
Sweden	2	2	.....	.....	.....	.....	.....	.....	4
Switzerland	9	2	.....	.....	.....	.....	.....	.....	11
United States	69	52	48	48	42	30	50	29	368
Unknown	16	.....	10	6	.....	.....	.....	2	34
Total	256	91	62	55	42	30	50	31	617

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TABLE No. 26.

NAMES OF PATIENTS IN THE INSANE DEPARTMENT OF THE POOR HOUSE APRIL 1, 1887, SHOWING AGE, LENGTH OF TIME IN INSANE ASYLUM AND INSANE DEPARTMENT OF POOR HOUSE, HOW LONG IN CITY, WHEN ADMITTED, AND ADDRESS TAKEN FROM.

NAME.	Age in Years.	In Insane Asylum and Insane Dept. Poor House — Yrs	How Long in City when Admitted — Years.	WHERE TAKEN FROM.
Anderson, Kate	38	2	.....	910 St. Louis ave.
Andreas, Nicholas	62	18	.....	
Austin, Matthew H	67	20	.....	3300 Broadway.
Asbrock, Louisa C	40	12	18	1406 Benton st.
Avery, Milton	23	6	17	707 N. Main st.
Botzford, John	..	18	.....	
Bayer, Mary	30	12	.....	533 Sidney st.
Baumeister, Lavina	32	.....	.....	
Bolaceck, Josephine	56	11	.....	
Bira, Magdaline	60	10	.....	
Bobe, George	42	14	.....	
Burns, No. 2, Bridget	48	18	.....	227 9th st.
Butler, William P	..	10	.....	
Beard, Mary E	52	.....	.....	
Bierman, Celia	44	9	....	414 S. 7th st.
Baumhoefer, Fred	58	9	.....	1607 Dodier st.
Buchanan, George	47	12	.....	112 N. 12th st.
Braun, Minnie	54	9	.....	
Brandeweinder, Wm	33	7	.....	1614 N. Market st.
Bird, Hannah	42	7	.....	Sullivan ave. nr. Spring.
Bleckman, Joseph A. B. H	41	7	.....	3d District Police Station.
Brandon, James	45	5	1 week.	Calaboose.
Boland, Michael	37	5	.....	2224 Wash st.
Borman, Theresa	43	4	....	157 Park ave.
Brown, Annie	60	15	3	1414 Dodier st.
Baumann, Kate	62	10	20	717 S. 7th st.
Buckley, John	29	1½	23	City Hospital.
Bain, George	26	2	24	119 S. 4th st.
Bonery or Boyer, Caroline	47	2	12	2236 Adams st.
Buchert, Charlotte	43	2	.....	1738 N. 13th st.
Boessen, Lizzie	30	10	.....	
Costa, Louis	28	14	.....	4th and Poplar sts.
Casey, Anne	73	13	.....	
Collins, Julia	52	13	.....	
Coogan, Anne	48	13	.....	
Coleman, Mary	55	10	.....	
Coyne, No. 1, Thomas	20	10	.....	
Caldwell, Louisa	..	15	.....	
Crowley, C. M	71	18	.....	1308 Collins st.
Corrigan, Bridget	..	15	.....	
Cahill, Kate	29	9	....	
Casey, No. 2, Margaret	33	10	.....	6th and Hickory st.
Cannon, William	29	9	.....	2131 Biddle st.
Casebaum, Casper	..	18	.....	Carondelet.
Constantino, Bantisto	56	9	.....	
Coffey, Thomas	48	8	.....	413 Locust st.
Christman, Carl	29	6	24	1807 Columbus.
Coyne, No. 2, Thomas	54	5	30	
Carroll, Barbara	33	5	28	1412 N. 9th st.
Casey, Bridget	59	7	.....	
Carson, William	..	18	.....	
Coughlin, Mary	67	5	18	802 Carr st.
Conner, John	21	2	.....	House of Refuge.
Cordes, John H	12	7	5	2326 Biddle st.
Collins, Hanora	55	5	20	S. E. cor. Jefferson & St. Louis ave.
Culkins, Thomas	49	4	.....	
Cloonan, Thomas	24	3	.....	Alexian Brothers Hospital.
Creighton, Clara	45	5	.....	St. Vincent Asylum.
Downing, Julia	21	13	8	
Doentger, John	42	13	2	
Diercks, Joseph	49	16	.....	
Dunn, Catherine	66	15	.....	
Donnahoe, Mary M. *alias* Walsh	..	10	.....	
Dillon, Hannah	39	9	3	

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TABLE No. 26. — *Continued.*

NAME.	Age in Years	In Insane Asylum and Insane Dept. Poor House.—Yrs.	How Long in City when Admitted Years.	WHERE TAKEN FROM.
Dillon, Martin	52	17	.....	City Hospital.
Doerrus, Augusta	..	10	7	Police Station.
Davis, Andrew J	70	13	40	15th and Spruce st.
Doheng, Martin	48	12	.....	
Devine, John P	32	7	18	131 Convent st.
Dunn, Michael	29	5	24	713 N. 11th st.
Duffy, Wm	19	4	13	3714 N. 10th st.
Dozzier, America	33	6	18	2008 N. 9th st.
Darby, Wm	50	4	25	2646 Rosatti st.
Dirkens, Caroline	44	4	.....	PickedupbyPolice nr.MonksChurch.
Devanney, Anna	48	8	4	City Hospital.
Doran, Henry	36	3	6	902 N. 3rd st.
Drendel, Caroline	21	3	12	Female Hospital.
Doyle, Charlotte	33	6	.....	1314½ N. 11th st.
Dahmen, Wm	38	.....	.....	
Eisenhardt, Balze	42	15	.....	Whitnell ave, bet. 8th and 9th st.
Eulenstein, Caroline	62	12	.....	
Eulera, Theresa	46	13	.....	305 Market st.
Engel, George	45	7	.....	St. Louis Co.
Erb, Adam	51	6	12	2105 Congress st.
Ehrhardt, Nicholas	31	7	12	2225 DeKalb st.
Eifert, Louisa	27	9	18	1612 Wright st.
Engler, Anna Maria	49	6	4	1916 Rosatti st.
Earl, John Edward	31	2½	28	Poor Department.
Endres Wilhelmine	36	1	.....	Geyer House, 9th and Market sts.
Frosch or Throsch, Kinnigundi	43	16	28	Carondelet.
Frederhoff, Geo	43	17	.....	1806 Columbus st.
Forrist, David	57	18	.....	E. St. Louis.
Farrell, James	33	18	.....	
Frederica, Catherine	..	10	.....	
Fey, Kate	43	18	.....	
Fox, Alice	36	11	.....	3000 Leonard st.
Finnerty, Mary	38	8	.....	Poor Department.
Finke. Frederick	58	11	.....	1814 Broadway.
Flynn, No. 2, Patrick	45	7	.....	1341 N. 8th st.
Frey, Amelia	38	8	30	2829 Chouteau ave.
Fisher, George	51	6	5	21st and Walnut st.
Franz, Peter	62	12	.....	Olive st. road, 9 miles out.
Fitzgerald, Robt	84	21	20	714 Carr st.
Fisher, Edward	34	6	.....	Easton and Grand.
Finup or Veinop, Charlotte	45	3	8	1415 N. 17th st.
Frosch, Peter	51	.....	.....	
Fortune Bridget	46	5	.....	1237 N. 2nd st.
Gravel, Siegfred	36	15	.....	
Grentzner, Rudolph	48	16	.....	825 S. 4th st.
Greenyard, Bertha	57	12	.....	1901 Biddle st.
Gillick, Patrick	64	8	30	4th and Kansas sts.
Ginochio, Rafael B	42	9	22	624 N. 11th st.
Grady, Bernard	29	7	22	1237 N. 9th st.
Gaaway, Henry	47	15	.....	Four Courts.
Gill or Faherty, Martin	58	6	1	Soup House.
Green, Catherine	51	8	20	3401 Carondelet ave.
Garcia, Charles	12	1½	11	1404 Papin st.
Griffin, John	42	12	2	Arrested by police.
Gorey, John	24	.....	.....	23 Florida st.
Hoffman, Elizabeth	58	18	.....	
Harris, Anne	52	12	.....	
Herwig, Charles	46	12	.....	
Herzing, Maria	30	11	.....	512 Lesperance st.
Hunt, Thos. E	32	11	.....	
Hibert or Herbet, Agnes	38	8	.....	Poor Department.
Henchey, Kate	48	13	.....	
Henstom, Louis, *alias* Simpson	52	12	.....	1835 S. 8th st.
Halpin, Joseph	34	9	11	8th and Cass ave.
Hubbard, Sarah E	60	18	.....	
Healy, Sarah	48	13	.....	
Harris, Johanna	46	15	.....	Ann st. and St. Louis ave.
Hain, Bernard	24	8	16	1815 S. 11th st.
Hamilton, Theo. F	43	15	.....	16th and Garibaldi st.
Hatton, Lotta	47	8	12	630 Lucas ave.

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TABLE No. 26. — *Continued.*

Name.	Age in Years.	In Insane Asylum and Insane Dept. Poor House — Yrs.	How Long in City when Admitted Years.	Where Taken From.
Harrison, Mary J	38	7	5	Poor Department.
Hogan, Thomas	31	7	18	219 Plum st.
Harris, John J	49	7	42	
Hesse, Sophia	51	7	24	2483 Franklin ave.
Higgins, Eliza	34	6	28	1826 Franklin ave.
Hunicke, Joseph	32	4	28	Lindell and Lee aves.
Higgins, Robt. Wm	31	6	8	1832 N. 8th st.
Herting, John	34	4	1	Calaboose.
Hays, Patrick	66	4	14	Station House.
Hallenbarter, Moritz	41	4	2	Alexian Brothers' Hospital.
Hoffman, Agnes	46	6	9	705 Spruce st.
Hughs, Mary	29	6	23	2425 North Market st.
Hoffman, Caroline	46	5	24	1942 Cass ave.
Horan, John	31	3	17	902 Palm st.
Henergrien, John P.	43	11	N. R.	Florissant, Mo.
Hunleith, Lizzie	29	7	22	Water, bet. Franklin & Shirmer sts.
Hansen, Peter	29	3	N. R.	
Hewish, James	38	3	12	2325 Papin st.
Hunt, Laura	32	16	.....	1412 N. 8th st.
Hynes, Mike	39	.....	.....	Cor. 8th st. and Cass ave.
Halzwerth, Geo	48	.....	19	
Heytman, Andrew	25	2	.....	St. Vincent's Asylum.
Hennessy, Patrick	55	3	.....	St. Vincent's Asylum.
Hoffman, Wm	29	4	.....	528 Summit ave.
Inloe, Harriet	32	18	.....	
Isaac, John	...	12	.....	
Izam, Sarah	37	6	13	1915 Carondelet ave.
Iverman, Bernard	23	2	16 mos.	Goodfellow ave. & Nat. Bdge. rd.
Ihle, Mary	39	7	15	1930 Carondelet ave.
Johnson, Margaret	66	18	.....	
Joyce, Mary	24	10	14	St. Joseph Hospital.
Johnson, Christine	57	18	.....	919 N. 15th st.
Johnston, James	32	9	32	Osage and Ohio aves.
Jackson, Frank	..	5	.....	
Jones, Edward	41	2	.....	1214 N. Spring ave.
Klindt, William	40	14	26	
Kettleman, Angeline	83	14	.....	
Kruz, Maggie	49	9	.....	Poor Department.
King, Samuel	50	16	many yrs.	
Klauber, Theresa	46	13	.....	1913 Carondelet ave.
Kunlzen, Otille	51	11	.....	203 S. 5th st.
Kantz, Margaret	47	10	.....	Female Hospital.
Kayer, or Krier, John	64	6	9	Poor Department.
Knoll, Charlotte M	62	10	.....	219 Myrtle st.
Knoppel, Matilda	45	11	.....	
Kentzig, or Kentzing, Walter S	38	10	N. R.	2850 Chestnut st.
Kessler, Joseph	38	9	2	
Kock, Julius	36	13	.....	
Klein, Frederick	36	8	.....	20th and Walnut sts.
Klingler, George	63	7	4½	1008 N. 14th st.
Klauss, Lorenz	55	7	.....	1218 Lynch st.
Kunz, Bertha	21	7	.....	3720 Carondelet ave.
Kleissler, Andrew	34	7	.....	Central Police Station.
Kroeger, Adelia	29	7	.....	717 S. 2d st.
Kearney, Alisha	60	8	32	2124 Carr st.
Kempf, Peter V	34	6	28	3301 Broadway.
King, Patrick	53	5	25	1241 N. 2d st.
Kelly, Margaret	18	4	3	Poor Department.
Kaiser, Rudolph	28	5	23	Calaboose.
Killhooley, John T	14	5	3	1516 Austin st.
Kennon, Andrew	36	5	.....	Calaboose.
Kure, or Kura, Jacob	37	3	4 days.	
Kraft, Catherine	44	2	2	17th and Wash sts.
Kernge, Sophia	45	8	14	2805 N. 15th st.
Keiser, Mary or Charlotte	36	2	28	1019 O'Fallon st.
Kappen, or Kapper	43	.....	.....	
Klausmeyer, Charles	34	3	.....	1900 Carr st.
Kanne, nee Garen, Augusta	38	1	.....	St. Vincent's Asylum.
Kavanaugh, Bridget	62	18	30	
Kortemeyer, Mary	34	1	.....	2015 Wash st.

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TABLE No. 26 — *Continued.*

NAME.	Age in Years.	In Insane Asylum and Insane Dept. Poor House — Yrs.	How Long in City when Admitted — Years.	WHERE TAKEN FROM.
Lorenz, Bernard	34	11	.....	
Lambert, Mary	58	18	.....	
Lange, Anna	46	18	.....	
Lammers, Mary	52	11	.....	2874 N. 17th.
Leva, Mary	40	10	30	1018 Geyer ave.
Lovell, Edward	64	10	7	1834 California ave.
Leary, Mary	53	8	.....	Police case.
Lubby, John or Patrick	57	18	.....	
Long, Mary	44	7	26	Poor Department.
Lafisse or Lefevre, Francois	50	6	N. R.	
Legh, Fred	37	5	.....	1933 Clark ave.
Loddecke, Joseph	41	8	.....	
Lacey, Charles	18	4	9	1120 N. 11th.
Lemills, Maggie	38	6	10	College ave. and 14th st.
Lodes, Eva	58	7	20	1704 Biddle st.
Ledoski, Abraham	29	4	.....	
Leonard, Annie	29	1	5	Poor Department.
Lebrun, Mina	23	3	2	German Luth., oph. Asylum.
Muir, William	46	16	.....	French Market.
Miller, Maggie	58	13	1	2nd near Bates st.
Meyer, No. 1, John	56	11	.....	
Merkel, Anna	62	17	6	208 S. 5th st.
Miley, *alias* Moylan, E. Mary	52	7	many yrs.	Police case.
Morris, Mary Ann	54	2	sev'ral yrs.	
Maloney, Anne	50	8	.....	1406 N. 14th st.
Muldoon, Thomas	41	11	.....	2919 Eugenia st.
Miller, Frank	48	5	40	Poor Department.
Morsch, Kate	25	5	9 mos.	1218 Orange st.
Moore, Jennie	28	5	.....	Police case.
Masterson, Edward J.	25	6	2	1335 N. 9th st.
Morgan, Thomas	56	6	19	812 N. 10th st.
Mariner, Elizabeth	38	5	15	1337 N. 12th st.
Morgan, Charles	70	3	2	Memorial Home.
Magin, Edward	32	4	9	1609 Biddle st.
Mason, John	32	4	.....	
Meyer, No. 2, John	38	5	N. R.	
Meyer, Henry	33	3	6 mos.	City Hospial.
Miller, *alias* Needham, Mary E.	40	2	8	Poor Department.
Misson or Messner, Thomas	37	3	34	Arrested by Police.
Marie	37	5	18	Convent Good Shepherd.
Metzger, No. 2, Johanna	26	2	24	Arrested by Police.
Mayer Mary	37	6	16	1111 Stoddard ave.
Moody or Mooney, Anne	47	19	.....	St. Vincent's Asylum.
Mitchell, Bridget	55	6	23	State Asylum
Miller, Margaret	45	8	.....	St. Vincent's Asylum.
McEntee, Charles	24	14	.....	
McCarmen, Mary	26	12	.....	
McGehee, Maggie	..	10	.....	1536 S. 8th st.
McGahey, Elizabeth	53	12	1	
McCue, Michael	50	18	1	
McEntire, Marie H.	..	18	.....	
McClellan, Elizabeth	59	11	19	1632 N. 9th st.
McDonough, Eliza	55	16	1	2621 Pacific st.
McBride, Catharine	40	8	.....	2nd and N. Market.
McGee, Sallie	39	7	.....	Police case.
McMiggins, Dora	..	7	.....	Police case.
McDonald, Joseph	46	7	1 mo.	City Hospital.
McGrory or McGory, John	59	6	.....	
McGee, Michael	52	4	48	Mulberry, bet. 2nd and 3d sts.
McKnight, Hugh	42	4	few days.	
McCartey, Florey	25	2	23	3-Mile House, St. Charles Rock R'd.
McGlinn, Daniel	19	8	.....	S. E. cor. Prairie ave., & Lucky st.
Nuezerling, Leo	45	22	N. R.	
New, Jacob	32	12	.....	
Novey, Theresa	67	13	.....	1950 State st.
Nixon, Frank	50	18	.....	1739 N. 11th st.
Neiverth, Joseph	66	10	17	1628 State st.
Newman, Johanna	59	18	.....	7th, bet. Carroll and Marion.
Nelson or Neilson, Hans	41	7	10	703 N. 14th st.
Nurnberger, Charles E.	35	9	35	1324 N. 15th st.

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TABLE No. 26. — *Continued.*

Name.	Age in Years.	In Insane Asylum and Insane Dept. Poor House — Yrs	How long in City when Admitted Years.	Where Taken From.
Oakley, Allen	36	22	.....	
Owens, Mary Ida E	27	17	.....	
Owings, James H.	53	14	39	Laclede Hotel.
O'Reilly, John	35	12	11	608 Argyle ave.
O'Day, James	40	13	.....	
O'Gara, Mary	46	11	1	
O'Connors, William.	40	12	.....	1624 Glasgow ave.
O'Neil, Thimothy	60	8	.....	
O'Brien, James	56	2	19	Poor Department.
O'Neil, John	21	4	17	921 N. 6th.
O'Brien, David	35	6	2 weeks.	
O'Callahan, Catherine	54	8	22	
O'Brien, Patrick	64	16	.....	St. Vincent's asylum.
O'Brien, Bridget	48	5	25	City Hospital.
Polk, Sarah	47	12	.....	
Perkins, James	29	10	5	City Hospital.
Putney, Denis	54	16	sev'l yrs.	2d Dist. Police Station.
Pierron, Celestine	53	14	.....	
Powers, Richard	51	18	.....	
Page, John	74	15	.....	
Peckenpaug or Beckenpaugh Susan.	44	10	2	
Prinz, Charles	33	13	.....	St. Louis Co.
Poitlitzer, Dora	39	17	many yrs.	
Pabst, Emil	46	8	.....	
Prendiville, Patrick	44	6	15	St. Ferdinand and Prairie aves.
Paulson, Peter	37	5	.....	City Hospital.
Powell, Hugh J.	40	4	sev'l yrs.	1020 Market st.
Piefus, Hy	17	3	14	1616 N. 14th st.
Porter, alias Warne, Theresa	30	4	.....	1848 Linn st.
Pauley, Margareth	20	3	13	700 Allen ave.
Peterson, Thomas	42	6	11	1512 N. Market st.
Phillips, Mark or Michael	28	2	24	1119 N. 15th st.
Quinn, No. 1, Kate	41	18	20	
Quinn, Patrick	66	9	.....	
Quinn, No. 2, Kate	43	2	41	1117 Buchnan st.
Ruff, Jacob	39	2	16	Poor Department.
Rose, Mary	54	16	.....	631 S. 4th st.
Ruse, Agnes	63	18	many yrs.	
Ryan, William	55	12	.....	
Reed, John	31	10	many yrs.	1111 N. 9th st.
Reinke, Mary	26	12	14	Nat. Bridge rd , opp. Fair Grounds.
Rogers, Georgiana	57	8	7	Poor Department.
Riley, George Byron	35	8	.....	
Ryan, James	42	12	many yrs.	
Reiffe, Joseph	16	3	3	Poor Department.
Rolonson, James B	17	4	3	Poor Department.
Roche, Dennis	58	6	7	
Rapley, Charles W	23	8	.....	2730 Washington ave.
Rose, Hattie B	31	8	23	1631 Benton st.
Romain, Emil Fred	32	7	25	1606 Buel st.
Roderweld, Rob't	49	5	8	803 S. 2d st.
Reifschneider, Geo	32	8	28	1227 S. 6th st.
Recklein, Henry	58	10	31	1713 Geyer ave.
Rauft, Edward	38	5	16	915 Allen ave.
Randall, Lucretia	43	4	39	206 Gratiot st.
Resler, Agatha	60	10	.....	Iowa ave.
Ryan, Richard	19	2½	.....	1224 Papin st.
Schronk, Maria	63	28	.....	
Somerlet, Carl	59	14	17	
Shannon, Ellen	55	18	.....	10th and Walnut sts.
Selridge, James	46	16	2	Park ave, nr. Pratt ave.
Sullivan, John	48	18	1	2311 Wash st.
Spohn, Elizabeth	65	7	3	Poor Department.
Schmidt, Elizabeth	55	10	20	
Stenson, James	46	13	.....	
Sahm, Charles	46	15	sev'l yrs.	
Schmidt, Frederika J. C	35	14	21	2025 Franklin ave.
Slais, Mary	38	10	.....	
Smith, James	..	16	.....	
Solan, John	58	8	many yrs.	

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TABLE No. 26 — *Continued.*

NAME.	Age in Years.	In Insane Asylum and Insane Dept. Poor House — Yrs.	How Long in City when Admitted — Years.	WHERE TAKEN FROM.
Smith, No. 2, James H	38	8	.....	1429 N. 12th st.
Sherdig, John	48	15	many yrs.	St. Louis Co.
Sullivan, Elizabeth	58	8	25	
Schum, August	34	9	.....	Lynch, nr. Lemp ave.
Smith, Rosanna	29	8	21	1018 Market st.
Sawyer, William	41	6	.....	1113 Locust st.
Sullivan, John B	35	5	30	St. Vincent's Asylum.
Schultz, Albert	36	8	2	2220 Chouteau ave.
Soltan, William	17	5	12	1527 N. 17th st.
Shaw, Robert	40	8	32	Union ave. & St. Charles Rock rd.
Solan, Patrick	24	4	20	22d and Carr sts.
Schwab, Joseph	30	5	25	2831 Salina st.
Schenck, George	25	4	21	1901 Franklin ave.
Shaughnessy, Della	34	4	12	2708 Penrose st.
Schmidt, Wilhelmina	44	4	14	2112 N. 14th st.
Schmidt, August	22	4	.....	N.E. cor Russell & 2d Carondelet av.
Schelf, Anna	39	2	32	3740 Palm st.
Schoppe, George	30	.....	.....	1506 S. 10th st.
Stecker, Gertrude	25	2	.....	1203 Chambers st.
Scherer, Ludwig Phillip	15	1	14	German Catholic Orphan Asylum.
Sheehan, Thomas	30	3	.....	4157 Fairfax ave.
Steuver, Henry	30	1	14	1114 Franklin ave.
Thompson, Helen B	56	18	.....	
Talbot, Adam	94	12	many yrs.	St. Ange, nr. Chouteau ave.
Troepper, Carl	52	7	3 days.	
Thomas John	53	6	.....	City Hospital.
Temmen, Henry J	47	4	14	2556 Ohio ave.
Tholl, Carl	47	4	18	18th and Wash sts.
Tischer, Lena	36	4	5 mos.	835 S. 6th st.
Thomas or Thoma, Charles	25	1½	16	305 S. Levee.
Unknown man, *alias* "Billy Brady"	54	11	.....	
" "	45	5	.....	
Unk'n w'n, *alias* "Blind Hannah"	58	3	.....	Poor Department.
" " " {"Annie Sucher" "Lena Getz"	32	3	.....	City Hospital.
" " " "Mattie James"	27	3	.....	Poor Department.
Unk'n boy, *alias* "John Shears" or Rearion	19	3	.....	Poor Department.
Unk'n woman, *alias* "Rolly Polly"	37	7	.....	Poor Department.
Viermen or Vernon, Mary A	58	9	2	1003 Pine st.
Virtue, Patrick	62	14	.....	814 N. 16th st.
Vogel, Jennie	32	8	.....	
Valentine, Frederick	..	10	sevr'l yrs.	1308 Chouteau ave.
Volgen, Joseph	34	4	N. R.	3d Police District.
Vaughn, Timothy	31	4	27	1311 Clark ave.
Voght, Alfred W	38	4	3	Cheltenham.
Weisel, Herman	..	18	5	
Whalen, John	42	12	.....	
Wesselman, Mary	60	18	1	
Walsh, Pat.	38	13	many yrs.	Wash, bet. 6th and 7th sts.
Washington, Geo	44	13	.....	
Webster, Ella	45	3	.....	Poor Department.
Woodward or Woodworth, Anna	81	16	.....	
Wybrow, Sarah	68	13	2	2209 Division st.
White, Katie	28	8	20	215 Florida st.
Walsh, James	50	12	many yrs.	16th and O'Fallon sts.
Wolford, Mary	46	16	"	Soulard, bet. 7th and 8th sts.
Whalen, William	28	7	21	2418 Biddle st.
Weidner, John Adam	42	7	35	1505 Olive st.
Wessling, Joseph	33	7	.....	8th, bet. Carroll and Marion sts.
Walkenhorst, Herman	38	8	.....	
Whalen, Ann	..	5	.....	7th and O'Fallon sts.
Wolf, Fred	40	4	3	Old Manchester rd. & St. Louis ave.
White, Emily	73	2	.....	2808½ Chouteau ave.
Wagner, Margaret	43	13	.....	Carondelet.
Williams, Edward	51	1½	32	708 Gratiot st.
White, Mary	41	6	.....	14th and Chestnut sts.
Wagner, John	57	18	.....	St. Vincent's Asylum.
Welsh, Mary	35	2	.....	706 S. Ewing ave.
Yenger, William	61	18	.....	902 State st.
Zimmereman, Barbara	43	18	sevr'l yrs.	270 Marion st.
Zimmerer, Louis	61	10	.....	
Zenner, Fred	47	2	10	Poor Department.
Zierenberg, Johanna	34	4½	.....	1102 St. Louis ave.

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ANNUAL REPORT

OF THE

Medical Superintendent of Poor House.

FEMALE HOSPITAL, April 20, 1887.

To Gen. Jno. D. Stevenson, Health Commissioner:

SIR — I have the honor to submit the following report of the Medical Department of the St. Louis Poor House: —

This will be the last report made by the Superintendent of Female Hospital, as the ordinance has been changed, and it was an excellent idea, so that now the Superintendent of the St. Louis Insane Asylum is the Medical Adviser to this Institution.

In the management of the sick and insane under his care, Mr. Cleary has been a wise and liberal provider.

The insane halls and sleeping rooms have, under his direction, received a complete renovation, and the whole institution devoted to their care is as bright, clean, orderly as it is possible for it to be.

I trust the future relations of the Medical Adviser will be as pleasant as those of the past, and I wish to acknowledge my indebtedness to Mr. Cleary for his ever ready response in all matters pertaining to the welfare of those under his charge.

To my assistants, Drs. Goldsmith and Skrainka, I must give all the credit for an honest, faithful and efficient discharge of the medical work of the year.

I have the honor to subscribe myself respectfully,

GEO. F. HULBERT, M. D.,
Superintendent.

TABLE No. 1.

OCCUPATION OF INSANE.

	Male.	Fem.
Bakers	3	
Barbers	3	
Basket-makers	2	
Boiler-makers	1	
Book-binders	1	
Brass finishers	1	
Brick layers	2	
Brewers	1	
Butchers	2	
Cabinetmakers	4	
Carpenters	8	
Cattle drivers	1	
Chair factors	1	
Cigarmakers	4	
Clerks	4	1
Coachmen	1	
Cooks	1	
Coopers	7	
Domestics	..	39
Drivers	1	
Farmers	5	
Gasfitters	1	
Glassblowers	2	
Glove-cutters	1	
Harness-makers	2	
Horseshoers	1	
Hostlers	1	
Hotel clerks	1	
Housekeepers		8
Housewives		46
Janitors	1	
Laborers	73	1
Laundresses		6
Lawyers	1	
Machinists	2	
Marble cutter	1	
Mechanics	2	
Merchants	2	
Milliners		1
Moulders	2	
Music teachers		1
None	18	24
Nurses		2
Printers	2	
Pattern-makers	1	
Peddlers	3	
Railroadmen	2	
Rivermen	1	
Saddlers	1	
Saloon keepers	2	
Seamstresses		2
School-teachers		8
Shoemakers	8	1
Stone-breakers	1	
Stone-cutters	1	
Stone-masons	2	
Tinners	4	
Tobacconists	3	
Undertakers	1	
Unknown	33	45
Wagon-makers	2	
Whiteners	1	
Total	231	185

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TABLE No. 2.

SHOWING FORMS OF DERANGEMENT OF THOSE WHO DIED DURING THE YEAR ENDING APRIL 1, 1887.

	Male.	Female.
Mania, chronic	2	4
Melancholia, chronic	2	4
Dementia	9	3
Dementia, epileptica	2	2
Dementia, senile		5
Idiocy	1	
Imbecility	1	
Total	17	19

TABLE No. 4.

NATIVITY OF THOSE WHO DIED DURING THE YEAR.

	Insane.	Pauper.
Austria		2
Bohemia	1	
England		2
France	2	2
Germany	2	19
Ireland	10	27
Sweden		2
Switzerland	1	1
United States	11	19
Unknown	2	
Total	36	75

TABLE No. 4.

NATIVITY OF INSANE.

Belgium	1
Bohemia	6
England	11
France	2
Germany	110
Hungary	1
Ireland	73
Italy	1
Poland	1
Prussia	4
Scotland	3
Sweden	6
Switzerland	6
United States	186
Unknown	53
Wales	3
Total	416

TABLE No. 5.

FORMS OF DERANGEMENT.

	Male.	Female.
Catalepsy	1	
Dementia	99	79
Dementia, epileptic	12	13
Dementia, partial	18	10
Dementia, senile	4	1
Idiocy	15	3
Imbecility	6	12
Mania, chronic	33	37
Mania, epileptic		2
Mania, puerpural		6
Mania, recurrent	2	6
Melancholia, chronic	40	16
Paralysis, general of insane	1	
Total	231	185

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TABLE No. 6.

MORTALITY FOR THE YEAR ENDING APRIL 1, 1887.

	INSANE.			PAUPER.		
	Male.	Female.	Total.	Male.	Female.	Total.
Abscess	1	1	2			
Anæmia		1	1			
Apoplexy	1		1	2	2	4
Asthenia		3	3	1		1
Bronchitis, chronic		1	1	1	1	2
Cancer		1	1	2	1	3
Cirrhosis of liver				1		1
Cystitis				2		2
Debility, general				3	1	4
Debility, senile	1	1	2	5	4	9
Diarrhœa, chronic	1	2	3		1	1
Dysentery, acute		1	1			
Dysentery, chronic	1		1	2		2
Emphysema of lungs				2		2
Enteritis			1	1	4	4
Epilepsy	1	1	2			
Fracture of femur					1	1
Gout				1		1
Heart Disease, valvular	1	2	3	1	3	4
Hemiplegia				3	3	6
Hernia, strangulated					1	1
Inanition	1		1			
Meningitis	1		1			
Marasmus	1		1	1	1	2
Nephritis, acute				1		1
Nephritis, chronic		1	1	7	1	8
Paralysis, general	2		2	5		5
Uræmia				1		1
Pneumonia	1	4	5		2	2
Phthisis pulmonalis				7		7
Scorbutus	1	1	2			
Syphilis	1		1			
Tetanus				1		1
			36			75

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TABLE No. 7.

LIST OF DISEASES TREATED DURING THE YEAR.

Abscess, axillary	2
" maxillary	6
" palmar	2
Adenitis	2
Alcoholism	8
Anæmia	20
Apoplexy	7
Asthenia	19
Asthma	12
Balanitis	3
Bedsores	3
Blepharitis, ciliary	3
Brain, congestion of	4
Bronchitis, acute	153
" chronic	92
Burn of arm	4
" " face	3
" " hand	3
Cancer of breast	1
" " neck	1
" " penis	1
" " stomach	2
Cardialgia	5
Cataract	2
Catarrh, gastric	2
Cellulitis	2
Cephalelgia	86
Chorea	3
Cirrhosis of liver	1
Colic	41
Colica pictonum	1
Conjunctivitis, acute	12
" chronic	15
Constipation	190
Contusion of hand	1
" " leg	1
" " scrotum	1
" " shoulder	1
Cystitis	16
Debility, general	28
" senile	22
Diarrhœa, acute	120
" chronic	17
Dislocation of shoulder	1
Dysentery, acute	19
" chronic	4
Dysmenorrhœa	3
Dyspepsia	39
Eczema, erythematosum	3
" pustulosum	7
Emphysema	4
Enteritis	4
Entropion	2
Epilepsy	28
Epistaxis	2
Erysipelas	9
Fever, intermittent	213
" remittent	4
Flatulence	8
Fracture of femur	2
" of rib	2
Furnucle	9
Gangrene of foot	1
Gastralgia	26
Gastritis	8
Gingivitis	3
Gonorrhœa	1
Hæmoptisis	2
Heart, valvular disease of	17
Hemiplegia	32
Hemorrhage, intestinal	2
Hemorrhoids, external	7
Hepatitis	5
Hernia, femoral	1
Inanition	1
Incontinence of urine	11
Indigestion	15
Insomnia	25
Intertrigo	4
Iritis	5
Keratitis, phlyctenular	2
Laryngitis, acute	14
Locomotor ataxia	3
Lumbago	15
Mania violens	4
Marasmus	3
Melancholia	3
Menorrhagia	4
Meningitis	1
Myalgia	38
Nephritis, acute	2
Nephritis, chronic	26
Neuralgia	51
Neuralgia, intercostal	7
Odontalgia	13
Onychia	2
Orchitis	2
Otalgia	6
Otitis, external	8
Paralysis, agitans	3
Paralysis, general, of insane	1
Paraplegia	3
Pediculosis pubis	3
Periostitis	2
Pharyngitis, acute	10
Phthisis	26
Pleuritis	8
Pneumonia	12
Podagra	2
Pregnancy-vomiting	2
Prolapsus recti	1
Prolapsus uteri	1
Prostatitis	5
Pruritis	12
Ptyalism	1
Pyrosis	3
Retroversion uteri	2
Rheumatism, acute	4
Rheumatism, chronic	167
Rheumatism, muscular	11
Scabies	3
Sciatica	2
Scorbutus	3
Scrofulosis	3
Sprain of ankle	3
Sprain of wrist	2
Stomatitis	6
Synovitis, acute	2
Synovitis, chronic	3
Syphilis, tertiary	6
Tonsillitis, follicular	5
Tumor, fibroid	1
Ulcer, crusis	27
Ulcer, pedis	1
Ulcer, syphilitic	2
Veins, varicose	5
Vertigo	10
Wounds, contused	5
Wounds, incised	7
Wounds, lacerated	2
Wounds, scalp	6
Tetanus	1
Uraemia	1

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ANNUAL REPORT

OF

QUARANTINE AND SMALL-POX HOSPITAL

For the Fiscal Year Ending April, 1, 1887.

Quarantine and Small-Pox Hospital,
St. Louis, Mo., April, 1st, 1887.

John D. Stevenson, Esq., Health Commissioner:

Sir—I have the honor to submit to you the annual report of this institution for the year ending April 1st, 1887.

The year, indeed, has been a remarkable one for us. A whole twelve month has come and gone, and yet our wards have remained unoccupied. For one year and seven months not a case of small-pox has been discovered in St. Louis with its population of nigh half million souls! Never before in its history, as the records of the Health Department can show, has such an immunity from this pest been known to exist for such a length of time.

What cause can be assigned for this? Surely there must be some manifest reason for so great a blessing? But what, I repeat, can that be? Is it not, next to God's providence, entirely due to the vigilant and untiring efforts, as well as to the wise measures and careful precaution of yourself and the officers of the sanitary department under your charge?

No cases of sickness having been received here, the expenses for the past year are consequently much less than they have ever been before.

Having to pasture a considerable number of cows and horses sent here last summer from the Poor House and other city institutions, the cost for forage has in consequence been much higher than it would otherwise have been, as, for the grass so consumed, it became necessary to purchase hay for our own cattle.

We have been busy during the past year repairing fences, keeping the wards and grounds in order, attending stock, repairing roads, and with general work of all kinds.

The fences and grounds need considerable repairs and improvements, as the number of hands employed for the past year has been very limited, and the various duties constant and necessary—sometimes heavy and difficult—and which, to their credit, I must say, were always performed with cheerfulness and promptitude.

In this connection I beg to return my sincere thanks to His Honor, Mayor Francis, the members of the Board of Health and to your valuable assistants, Mr. Charles W. Francis and Dr. Carson. To yourself for your help and advice ever willingly tendered, and for the uniform courtesy with which I have at all times been received by you,

I remain, sir,

Very respectfully,
DAN O'MADIGAN,
In charge of Quarantine and Small-Pox Hospital.

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STATEMENT SHOWING THE APPROPRIATION AND EXPENDITURES FOR QUARANTINE AND SMALL-POX HOSPITAL FOR THE FISCAL YEAR ENDING April 1st, 1887.

Articles of Expense	*Cost*	*Appr'n.*
Appropriation		$5,550 00
Coal oil	26 56	
Drugs, instruments and hospital supplies	4 95	
Engineer's supplies	5 44	
Farm and garden	75	
Forage	548 21	
Fuel	158 30	
Groceries	342 73	
Hardware and tools	11 95	
House furnishing goods, and furniture	10 14	
Ice	68 12	
Lumber	43 00	
Meat and fish	515 10	
Officers' and employees' salaries	3,057 69	
Paints, oils, etc.	5 10	
Repairs and improvements	97 63	
Stable	122 95	
Stationery and postage	23 45	
Vegetables	59 35	
		$5,101 42
Unexpended balance reverting to city treasury		448 58
		$5,550 00

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ANNUAL REPORT

OF

H. C. DALTON, M. D.,

SUPERINTENDENT OF THE CITY HOSPITAL,

FOR THE

FISCAL YEAR ENDING APRIL 11, 1887.

CITY HOSPITAL, St. LOUIS, April 11, 1887.

Gen. John D. Stevenson, Health Commissioner:

SIR — I have the honor to present the twenty-first annual report of the workings and expenses of this institution, the same being my first annual report and the tenth under the present city charter.

The number of patients admitted during the year was 5,960, against 5,670 of the previous year, 6,169 the fiscal year 1884–85, 5,414 the fiscal year 1883–84, 4,880 the fiscal year 1882–83 and against 2,243 the fiscal 1879–80; the number treated was 6,364 against 6,073 the previous year, 6,550 the fiscal year 1884–85, against 5,792 the fiscal year 1883–84; 5,160 the fiscal year 1882–83, and 2,467 the fiscal year 1879–80; making 290 more admitted and 293 more treated than the previous year, and 3,717 more admitted and 3,897 more treated than during the fiscal year 1879–80. The number of residents, on their own statement, admitted was 4,312; the number of non-residents, on their own statement, was 1,648, or 27.65 + per cent of the whole, a still greater number having been treated, for misrepresentations are made to gain admission. St. Louis County paid for the care of six of these patients during their stay, 60 cents a day, or $71.40 in all. The number of surgical cases admitted was 2,268 and the number treated was 2,432; the number treated for venereal affections was 554, and the admissions for alcoholism were 274, the great majority of all patients being the worse for one or both the vices these affections imply. The number of stretcher cases was 346. The number of coroner's cases was 85, and the number of deaths within forty-eight hours after admission was 132. The total percentage of deaths was 7.57 +; the percentage exclusive of coroner's cases was 6.24 — and exclusive of deaths within forty-eight hours after admission was 5.50 —. The number of births was 39; 8 of these were still-births. The largest number of patients in the hospital at any one time was 425, April 6, 1886; the smallest number was 251, June 9, 1886; the largest number admitted any month was 687, August, 1886; the smallest number was 366, May, 1886. The largest number dying any month was 50, February, 1887; the smallest number was 30, April, 1886. The largest number discharged one month was 663, August; the smallest number was 349, June. The largest number admitted any day was 40, August 16, 1886; the largest number discharged one day was 56, April 12, 1886. The average number of patients admitted daily was 16.33 —. The largest number of deaths in one day was 5 each, June 28th, August 17th, September 5th, October 25th and February 28th. The number of patients received during night hours, 6:00 p. m. to 6:00 a. m. was 622. Of all patients admitted 1,162 or 19.50 — per cent were born in Ireland, 1,339 or 22.47 — per cent were born in Germany, 460 or 7.72 — per cent were blacks born in the United States and 1,746 or 29.19 + per cent were white natives of the United States.

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Deducting $218.98 turned over to the Health Commissioner, and $71.40, amount of bills sent to him for collection, which money does not inure to the hospital but to the City Treasury, and deducting $308.70 for coffins furnished to the city and not used by the hospital; and $493.25 for forage for horses not belonging to the hospital, the net cost of the hospital for the year was $74,517.33. The net daily per capita expense of patients was 61.16+ cents; the daily per capita expense of patients and employees, 50.03+ cents. If these items were based on the total expense of the hospital, they would be respectively: Patients 62.06; patients and employees 50.76+. Five thousand and seventy-four dollars and seventy-three cents was brought in by patients, and, except that left by deceased patients and not called for, all taken out again.

The average percentage of cost of patients and employees may appear somewhat larger than last year, but it must be recollected that the repairs and improvements are included in the per capita expense. This year the improvements, repairs, etc., are $6,000 greater than last year; if this excess be deducted from the total amount it will be seen that the average daily per capita expense of patients amounts to 54.09+, net 53.20—, the daily per capita expense for patients and employees is 44.25—, net 43.15+, whereas last year it was 46.00, net 45.50.

Owing to my short connection with the institution, I feel that my experience is not sufficient to enable me to present a comprehensive report of the workings of the hospital for the past year, it has been sufficient, however, to enable me to see that the institution has some urgent needs which should receive prompt attention.

My able predecessor, Dr. D. V. Dean, left the hospital in most excellent running order, everything so beautifully systematized that I found little room for improvement. Among many other excellent reforms he inaugurated the metric system and applied it exclusively to all the prescribing weights, measures, etc. I have continued its use and am very greatly pleased with its accuracy and simplicity.

From the day of my entrance into the hospital I have demanded that the poor unfortunate patients under our care should be treated in the kindest, most humane manner. It affords me pleasure to state, with very few exceptions, this injunction has been respected by all. It is gratifying to know that the patients themselves appreciate my efforts in this direction, and look upon me as their friend. Along with the bummer and dead beat element we have many worthy people who have seen the inside of a hospital for the first time, and who are entitled to our consideration and sympathy; it would be little less than a crime not to extend it to them. Some, however, are such ingrates that nothing pleases them, no matter how much kindness be bestowed on them; they are such chronic faultfinders that they would find something to growl at even if we fed them Southern Hotel fare from silver plates, and gave them separate rooms with downy beds. Many of these are doubtless the originators of the evil reports which we occasionally hear.

I spoke to you some time since of the pressing necessity of an elevator at this institution and was quite pleased to learn that you were not only in sympathy with me in regard to the matter but had urged it in your last annual report. I trust you will earnestly insist on its early construction. To any one who has witnessed the very inhuman manner in which patients are *elevated* under the present system, it goes without saying, that such a method should not be tolerated in this enlightened age, and that too, in a great city. The patients are carried up three or four flights of stairs on a stretcher on two men's shoulders, which is not only cruel to the stretchermen, but is the acme of cruelty to the poor patients. Such a perilous journey would shock the nervous system of a well person, how much worse then it is on a very ill or badly injured patient. There were 846 stretcher cases during the past year; if we add to these the frequent removals to and from the amphitheater for operative and clinical purposes, the number would be vastly increased. Many patients are already excited by the suffering incident to their removal from the place of injury or from their respective homes and are ill-prepared to stand such handling.

I presume it would be "love's labor lost," to suggest a much better thing, *i.e.*, demolition of this totally inadequate and unsightly building, and the erection in its stead, of one in conformity to the present advanced ideas of what

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should constitute a hospital. This institution is unworthy of St. Louis, and does not compare with those of cities of much less magnitude.

Our new boilers have wrought a most comfortable change; one highly appreciated by us during the cold weather of the latter part of the winter. I have heard no complaint from lack of heat since their introduction.

The new water closets have also made a great change, the former malodorous condition being happily absent. I desire earnestly to urge the great importance of putting in new ones over the entire institution. The old ones are worn out, and, at best, can be used but a short while longer. The odor in the vicinity is frequently intolerable in spite of the liberal use of disinfectants. All of those in the new building (with the exception of the ground floor) leak a great deal, the excreta frequently running over the floor.

I am endeavoring, with your kind assistance, to improve the grounds lying north and west of the hospital. Over twenty-five hundred loads of dirt have been dumped on it. We have leveled the ground and planted many trees. I desire to make these grounds as attractive as those in front of the institution, and to use them not only to beautify the place, but, as a resort for convalescent patients. The pure air and exercise will be greatly conducive to rapid recovery. Although we may be to some expense at first in buying flowers, shrubbery, seats, grass-seeds, etc., in the end it will be an economical measure, as it will enable us to get patients out of the hospital much earlier than if we kept them housed up. "Welcome the coming and speed the parting guest" is our hospitable, as well as *hospital* motto. These grounds will prove a great tonic to invalids (many of whom are valetudinarians), and at the same time render their surroundings less hospital-like — less barren of variety — the "spice" much needed by some who are constantly brooding over their ailments.

Experience, repeated many times during the past seven months, has shown me the urgent necessity of receiving some information concerning patients entering the hospital while unconscious. Patients are brought in in that condition, the only remarks on permit being "Did not see case;" queries addressed to the ambulance driver have been met by the answer, "I don't know anything about it." Now, many times the life of a patient depends upon our knowing something of the previous condition of the case. If it be a medical case it is important that we know how long the unconsciousness has existed, etc., etc., if it be a surgical case the manner of the reception of the injury, as well as many other facts, would help us very much, and thereby be the means of saving the lives of some of our patients. As startling as may be considered the statement, *I am satisfied the lack of just this information has been directly the cause of the death of several patients since my connection with the hospital.* To remedy this evil I respectfully suggest that a corps of ambulance physicians be formed, and one sent with every ambulance leaving the Health Office. They could by a few well directed questions, learn a great deal which would be invaluable to us in the treatment of the case, and hence redound to the patient's advantage. This may be objected to, on the score of expense, but, a few paltry dollars should not enter into consideration when human lives are at stake. The physician would be of very great assistance in surgical cases; he should be prepared to temporarily and antiseptically dress the wounds. The dressing can be made a very simple matter; merely using an antiseptic wash, iodoform gauze and a bandage, all of which could be done in ten minutes. This dressing would keep out the septic organisms with which the atmosphere is swarming; wounds would heal very much more rapidly, and the patient get out of the institution much sooner. Injured patients are frequently brought us whose wounds are dirty and already in a septic condition, and aggravated by being rubbed and bruised by contact with their clothes, the ambulance, etc., during the journey. If the patient has a fractured limb the bones are constantly rasping and cutting the soft parts by being displaced by every jolt of the ambulance, giving excruciating pain and adding fuel to the fire. The bandage would prevent all this, it would keep the bones in place, and thus not only make his ride as comfortable as possible under the circumstances, but be the means of saving him great pain and injury to the soft parts in transferring him to and from the ambulance. I have seen patients scream with pain when being lifted from the ambulance, and take it for granted they suffer just as much when put in. It is impossible to lift a patient, with a broken, unbandaged limb, without inflicting great pain. Were you, sir, to

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"Put yourself in his place" you would *feel* the advisability of this reform, and, I imagine, it would not be long ere you inaugurated it. As these reforms apply more particularly to the Dispensary, I feel a delicacy in mentioning them, and would not do so did they not indirectly bear upon the hospital.

If we are not to have a new hospital, I submit that we are greatly in need of a detached building for treatment of contagious diseases. Our facilities for taking care of such cases are totally inadequate. The need is certainly very pressing and I trust you will insist with your usual vigor on its construction.

In a special communication, some time since, I informed you of the dangerous condition of the new building, of the spreading and cracking of the walls, etc. You informed me you referred the matter to Mr. Kledus. I desire to state that nothing has been done in the premises, and that, in my judgment, the building is unsafe and liable to fall at any time.

As the hospital presents a very unsightly appearance, looking old and dingy, I suggest that the entire institution be painted. It would add very materially to its looks, and save a great deal of the wood work, which is rotting for the lack of it.

My efforts to establish a library and furnish the patients with reading material to assist in "Driving dull care away," has been crowned with success. Although we haven't many books as yet, still we have a large number of periodicals, pamphlets, etc., and the newspapers supply us twice weekly with an abundance of papers.

The assistant physicians, Drs. W. T. Porter and Bransford Lewis, Seniors, and J. L. Adams, W. N. Beggs, H. Jacobson, A. S. McCarty, L. M. Perkins, and C. Shattinger, Juniors, are to be commended for the very able and efficient manner in which they have performed their duties. My thanks are due them for their uniform courtesy to me during my connection with them.

I desire to bear testimony to the excellent work done by the Training School for Nurses. These ladies are invaluable to the institution, always prompt and energetic, kind and sympathetic, going about their work in an unostentatious manner. To Miss Emma L. Warr, Superintendent, and Mrs. W. H. Pulsifer, President, I am especially grateful for assistance rendered.

The ladies of the Flower Mission, as well as those of the Institutional Mission have been constant in their attentions, cheering and comforting the sick.

Mr. Leonard Matthews, one of the Charity Commissioners, has frequently visited the hospital, and takes a kindly interest in its welfare.

To the Nurses of Division Nine and Ten my thanks are due for duty well performed.

John H. Brown, steward, A. B. Walker, clerk, and William Lewis, engineer, have been faithful and true to their duties, and have conducted their several departments in a most efficient manner.

To you, sir, my heartiest thanks are due for the very kind treatment you have always accorded me, and the hearty manner in which you have supported me in my arduous labor.

To the honorable Board of Health, and his Honor, Mayor D. R. Francis, I extend thanks for favors received.

Respectfully submitted,

H. C. DALTON, M. D.,
Superintendent.

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CLASSIFIED TABULAR STATEMENT OF DISEASES TREATED, ADMISSIONS, DEATHS, DISCHARGES AND TRANSFERS DURING THE YEAR, AND OF CASES REMAINING IN THE HOSPITAL APRIL 1, 1887.

	Remaining April 1, 1886.			Cases Admitted.			No. of cases Treated.			DISCHARGED.									Transferred			Died.			Remaining April 1, 1887.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
All causes	131	273	404	2121	3839	5960	2252	4112	6364	220	877	1097	1478	2392	3870	109	401	510	34	43	77	266	216	482	145	183	328
Specified cause	131	273	404	2121	3839	5960	2252	4112	6364	220	877	1097	1478	2392	3870	109	401	510	34	43	77	266	216	482	145	183	328
CLASSES.																											
I. Zymotic	26	45	71	599	1585	2184	625	1630	2255	91	507	598	456	992	1448	12	61	73	1	3	4	42	33	75	23	34	57
II. Constitutional	16	80	96	161	410	571	177	490	667	5	30	35	102	236	338	11	59	70	5	8	13	33	67	100	21	40	61
III. Local	79	100	179	1012	1205	2217	1091	1305	2396	65	166	231	699	778	1477	72	185	257	24	14	38	148	90	238	83	72	155
IV. Developmental	1	2	3	22	97	119	23	99	122	2	47	49	8	25	33	3	16	19	2	6	8	8	2	10	....	3	3
V. Violence	9	44	53	327	483	810	336	527	863	57	117	174	213	308	521	11	41	52	2	8	10	35	24	59	18	29	47
Nihil	....	2	2	....	59	59	....	61	61	....	10	10	....	3	3	....	39	39	....	4	4	....	....	....	....	5	5
CLASS I.																											
Order 1. — Miasmatic diseases	12	21	33	319	1082	1401	331	1103	1434	78	431	509	203	607	810	3	16	19	....	1	1	37	29	66	10	19	29
Order 2. — Enthetic diseases	14	23	37	221	270	491	235	293	528	7	8	15	206	237	445	9	33	42	1	2	3	1	1	....	9	12	21
Order 3. — Dietic diseases	....	1	1	59	220	279	59	221	80	6	64	70	45	142	187	....	11	11	....	....	....	4	2	6	4	2	6
Order 4. — Parasitic diseases	....	....	....	....	13	13	....	13	13	....	4	4	....	6	6	....	1	1	....	....	....	....	1	1	....	1	1
CLASS II.																											
Order 1. — Diathetic diseases	8	20	28	98	238	336	106	258	364	5	30	35	88	198	286	3	13	16	2	5	7	4	4	8	3	10	13
Order 2. — Tubercular diseases	8	60	68	63	172	235	71	233	304	....	....	....	14	88	102	8	46	54	2	5	7	29	63	92	18	30	48

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CLASS III.

Order 1.—Diseases of the nerv's syst.	12	14	26	87	178	265	99	192	291	3	23	26	52	89	141	9	49	58	16	9	25	15	15	30	4	7	11
Order 2.—Diseases of the eye	9	4	13	64	36	100	73	40	113	4	1	5	53	23	76	4	13	17	3	1	4	....	....	....	9	2	11
Order 3.—Diseases of the ear	1	....	1	5	7	12	6	7	13	....	1	1	6	6	12	....	....	....	....	....	....	....	....	....	....	....	....
Order 4.—Diseases of the circulatory system	6	2	8	130	73	203	136	75	211	1	2	3	72	43	115	6	12	18	....	....	....	41	11	52	16	7	23
Order 5.—Diseases of the respiratory system	18	23	41	264	256	510	272	279	551	18	42	60	176	157	333	16	24	40	1	1	2	39	37	76	22	18	40
Order 6.—Diseases of the digestive system	3	10	13	115	190	305	118	200	318	21	44	65	61	115	176	11	22	33	1	....	1	21	15	36	3	4	7
Order 7.—Diseases of the urinary sys.	12	8	20	81	46	127	93	54	147	....	2	2	54	27	81	5	10	15	2	1	3	23	10	33	9	4	13
Order 8.—Diseases of the generative system	5	1	6	53	40	93	58	41	99	4	4	8	46	24	70	5	10	15	....	2	2	1	....	1	2	1	3
Order 9.—Diseases of the locomotory system	5	10	15	28	52	80	33	62	95	3	7	10	18	41	59	6	9	15	....	....	....	2	....	2	4	5	9
Order 10.—Diseases of the integumentary system	8	28	36	195	327	522	208	355	563	11	40	51	161	253	414	10	36	46	1	....	1	6	2	8	14	24	38

CLASS IV.

Order 1.—Developmental diseases.—Children	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Order 2.—Developmental diseases.—Women	1	2	3	6	61	67	7	63	70	2	39	41	2	12	14	1	8	9	2	2	4	....	....	....	....	2	2
Order 3.—Developmental diseases.—Age	....	....	....	16	36	52	16	36	52	....	8	8	6	13	19	2	8	10	.	4	4	8	2	10	....	1	1

CLASS V.

Order 1.—Accidental and negligence.	9	44	53	323	466	789	332	510	842	57	115	172	213	299	512	11	41	52	2	8	10	31	18	49	18	29	47
Order 2.—Suicide	....	....	....	4	17	21	4	17	21	....	2	2	....	9	9	....	....	....	....	....	....	4	6	10	....	....	....

NIHIL.

Nihil	....	2	2	....	59	59	....	61	61	....	10	10	....	3	3	....	39	39	....	4	4	....	....	....	....	5	5

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CLASSIFIED TABULAR STATEMENT, ETC. — CLASS I. — ZYMOTIC, ORDER 1. — MIASMATIC DISEASES.

	Remaining April 1, 1886.			Cases Admitted.			Cases Treated.			DISCHARGED.									Transferr'd.			Died.			Remaining April 1, 1887.		
										Well			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Cholera nostras	....	....	....	....	2	2	....	2	2	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Cholera sporadic	....	....	....	2	1	3	2	1	3	....	....	....	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....
Cholera morbus	....	....	....	....	4	4	....	4	4	....	3	3	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Diarrhœa, acute	1	1	2	32	54	86	33	55	88	5	24	29	23	27	50	....	1	1	....	1	1	2	1	3	3	1	4
Diarrhœa, chronic	....	....	....	9	13	22	9	13	22	....	2	2	3	9	12	1	2	3	....	....	....	2	....	2	3	....	3
Diphtheria	....	....	....	3	11	14	3	11	14	1	6	7	....	1	1	....	....	....	....	....	....	2	2	4	....	2	2
Dysentery, acute	2	1	3	15	42	57	17	43	60	5	8	13	8	29	37	....	1	1	....	....	....	4	5	9	....	....	....
Dysentery, chronic	....	1	1	10	10	20	10	11	21	1	2	3	3	7	10	....	....	....	....	....	....	4	2	6	2	....	2
Erysipelas	1	3	4	14	32	46	15	35	50	5	27	32	8	7	15	....	....	....	....	....	....	1	....	1	1	1	2
Fever, intermittent	5	15	20	180	840	1020	185	855	1040	45	330	375	137	504	641	2	10	12	....	....	....	....	....	....	1	11	12
Fever, pernicious	....	....	....	3	3	6	3	3	6	....	....	....	1	1	1	....	....	....	....	....	....	3	2	5	....	....	....
Fever, remittent	2	....	2	13	8	21	15	8	23	8	8	16	5	....	5	....	....	....	....	....	....	2	....	2	....	....	....
Fever, typhoid	1	....	1	19	28	47	20	28	48	6	7	13	6	6	12	....	1	1	....	....	....	6	13	21	....	1	1
Fever, typho-malarial	....	....	....	1	4	5	1	4	5	1	....	1	....	1	1	....	....	....	....	....	....	....	3	3	....	....	....
Malarial cachexia	....	....	....	6	10	16	6	10	16	....	5	5	4	5	9	....	....	....	....	....	....	2	....	2	....	....	....
Measles	....	....	....	....	5	5	....	5	5	....	3	3	....	1	1	....	....	....	....	....	....	....	....	....	....	1	1
Scarlatina	....	....	....	2	10	12	2	10	12	....	6	6	2	2	4	....	....	....	....	....	....	....	....	....	....	1	1
Septicæmia	....	....	....	7	....	7	7	....	7	....	....	....	....	....	....	....	....	....	....	....	....	7	....	7	....	....	....
Tonsilitis	....	....	....	3	7	10	3	7	10	1	2	3	2	5	7	....	....	....	....	....	....	....	....	....	....	....	....
Tabes Dorsalis	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1
Tremor	....	....	....	....	4	4	....	4	4	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....	....	....
Varicella	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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ORDER 2—ENTHETIC DISEASES.

Bubo Phagedenic	....	....	....	1	1	2	1	1	2	....	....	....	1	....	1	....	....	....	....	....	....	....	1	1	....	....	....
Buboes	1	7	8	15	28	43	16	35	51	....	....	....	16	32	48	....	3	3	....	....	....	....	....	....	....	....	....
Chancroids	3	....	3	78	39	117	81	39	120	....	....	....	73	30	103	3	7	10	....	1	1	....	....	....	5	1	6
Chancroids Phagedenic	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....
Condylomata of Foreskin	....	1	1	....	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Gleet	....	....	....	3	....	3	3	....	3	....	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....
Gonorrhœa	5	1	6	48	42	90	53	43	96	3	6	9	47	32	79	2	3	5	....	....	....	....	....	....	....	....	....
Iritis Syphilitic	....	....	....	6	2	8	6	2	8	....	....	....	6	2	8	....	....	....	....	....	....	....	....	....	....	....	....
Conjunctivitis Gonorrhœal	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Rheumatism, Gonorrhœal	....	..	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Venereal Warts	....	....	....	....	2	2	....	2	2	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....
Rheumatism, Syphilitic	....	1	1	1	2	3	1	3	4	....	....	....	1	3	4	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis, Gummata	....	....	....	3	....	3	3	....	3	....	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis, Primary	5	8	13	49	105	154	54	113	167	1	....	1	45	90	135	4	17	21	1	....	1	1	....	1	2	6	8
Syphilis, Secondary	....	2	2	1	13	14	1	15	16	....	....	....	1	13	14	....	1	1	....	1	1	....	....	....	....	....	....
Syphilis, Tertiary	....	3	3	6	23	29	6	26	32	....	....	....	5	24	29	....	1	1	....	....	....	....	....	....	1	1	2
Syphilis, Hereditary	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Syphilitic Condyloma	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....
Syphilitic Ulcers	....	....	....	1	5	6	1	5	6	....	....	....	1	3	4	....	....	....	....	....	....	....	....	....	....	2	2
Syphilitic Vegetations	....	....	....	3	1	4	3	1	4	....	1	1	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....

ORDER 3—DIETIC DISEASES.

Alcoholism, Acute	....	1	1	48	193	241	48	194	242	6	62	68	35	120	155	....	9	9	....	....	....	3	1	4	4	2	6
Alcoholism, Chronic	....	....	....	11	27	38	11	27	38	....	2	2	10	22	32	....	2	2	....	....	....	1	1	2	....	....	....

ORDER 4—PARASITIC DISEASES.

Pediculosis Corporis	....	....	....	....	6	6	....	6	6	....	2	2	....	4	4	....	....	....	....	....	....	....	....	....	....	....	....
Taenia Solium	....	....	....	....	7	7	....	7	7	....	2	2	....	2	2	....	1	1	....	....	....	....	1	1	....	1	1

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CLASS II—CONSTITUTIONAL. ORDER 1—DIATHETIC DISEASES.

	Remaining April 1, 1886.			Cases Admitted.			No. of Cases Treated.			Discharged. Well.			Improved.			Not Improved.			Transferred			Died.			Remaining April 1, 1887.		
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Anæmia	....	....	....	5	5	10	5	5	10	3	....	3	2	5	7	....	....	....	....	....	....	....	....	....	....	....	....
Carcinoma	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Carcinoma, breast	....	....	....	2	....	2	2	....	2	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....
Cancer of liver	....	....	....	3	....	3	3	....	3	....	....	....	....	....	....	1	....	1	....	....	....	2	....	2	....	....	....
Cancer of œsophagus	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
Cancrum oris	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
Carcinoma rectum	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
Gout	....	....	....	1	3	4	1	3	4	....	....	....	1	2	3	....	....	....	....	....	....	....	....	....	....	1	1
Lumbago	....	1	1	7	13	20	7	14	21	....	2	2	6	9	15	1	3	4	....	....	....	....	....	....	....	....	....
Lupus	....	1	1	1	1	2	1	2	3	....	....	....	1	1	2	....	....	....	....	....	....	....	1	1	....	....	....
Rheumatism, acute	6	11	17	49	140	189	55	151	206	1	26	27	52	112	164	....	5	5	1	2	3	....	....	....	1	6	7
Rheumatism, chronic	2	4	6	25	57	82	27	61	88	....	....	....	22	54	76	1	5	6	1	1	2	1	....	1	2	1	3
Sciatica	....	3	3	5	15	20	5	18	23	....	2	2	1	2	3	4	14	18	....	....	....	....	....	....	....	2	2

ORDER 2—TUBERCULAR DISEASES.

Pythisis, pulmonalis	8	57	65	63	170	233	71	227	298	....	....	....	14	87	101	8	46	54	2	5	7	29	59	88	18	30	48
Tuberculosis	....	3	3	....	2	2	....	5	5	....	....	....	....	1	1	....	....	....	....	....	....	....	4	4	....	....	....

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CLASS III — LOCAL DISEASES. ORDER 1 — DISEASES OF NERVOUS SYSTEM.

Cephalagia	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cerebral Compression	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
Cerebral Congestion	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
Cerebral Hemorrhage	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	....	....	....	....	....	....
Chorea	....	....	....	....	2	2	....	2	2	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Concussion of Brain	....	....	....	6	3	9	6	3	9	2	1	3	2	....	2	....	....	....	....	....	....	....	2	1	3	....	1	1	....	....	....	....
Coma	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	..	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
Coup-de-soleil	....	....	....	7	15	22	7	15	22	1	7	8	5	5	10	....	....	....	....	....	....	....	1	3	4	....	....	....	....	....	....	....
Dementia	1	....	1	2	7	9	3	7	10	....	1	1	....	1	1	3	5	7	1	....	1	....	....	....	....	....	....	....	....	....	....	....
Epilepsy	1	1	2	22	34	56	23	35	58	....	....	....	16	21	37	3	11	14	2	2	4	....	1	1	2	....	2	....	....	....	....	....
Exhaustion	....	....	....	1	4	5	1	4	5	...	2	2	1	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hypochondriasis	....	....	....	1	3	4	1	3	4	....	....	....	1	3	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hysteria	....	....	....	1	3	4	1	3	4	....	....	....	1	2	3	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Insanity	1	....	1	9	7	16	10	7	17	....	....	....	1	1	2	....	2	2	2	3	12	....	1	1	....	....	....	....	....	....	....	....
Malingerers	....	....	....	....	20	20	....	20	20	....	7	7	....	1	1	....	12	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Melancholia	....	....	....	....	3	3	....	3	3	....	....	....	....	2	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....
Monomania	....	....	....	1	2	3	1	2	3	....	....	....	1	....	1	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningitis, Cerebral	....	1	1	3	4	7	3	5	8	....	....	....	1	....	1	....	....	....	....	....	....	2	3	5	....	2	2	....	....	....	....	....
Mental Aberration	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Myalgia	....	1	1	5	16	21	5	17	22	....	2	2	5	14	19	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Myelitis	1	....	1	1	2	3	2	2	4	....	....	....	1	2	3	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....
Neuralgia	....	1	1	7	22	29	7	23	30	....	1	1	6	17	23	....	2	2	....	....	....	....	....	....	....	1	3	4	....	....	....	....
Paralysis	5	3	8	11	14	25	16	17	33	....	....	....	9	7	16	2	8	10	1	1	2	3	1	4	1	....	1	....	....	....	....	....
Neurasthenia	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paralysis of Heart	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....
Paralysis, Locomotor Ataxia	1	....	1	....	1	1	1	1	2	....	....	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Paralysis, Hemiplegia	2	5	7	2	6	8	4	11	15	....	....	....	....	6	6	2	1	3	2	3	5	....	....	....	....	....	....	1	1	....	....
Paralysis, Paraplegia	1	1	2	1	....	1	2	1	3	...	....	....	....	1	1	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....
Paralysis, Agitans	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....
Spasm, Idiopathic Tonic	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tetanus	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....

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ORDER 2.—DISEASES OF THE EYE.

	Remaining April 1, 1886.			Cases Admitted.			No. of Cases Treated.			DISCHARGED.									Transferred			Died.			Remaining April 1, 1887.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
1. Cornea—																											
Keratitis	1	....	1	16	2	18	17	2	19	....	1	1	13	1	14	....	....	....	2	....	2	....	....	....	2	....	2
Leucoma	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Pannus	....	....	....	....	2	2	....	2	2	....	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....
Staphyloma	....	....	....	1	1	2	1	1	2	....	....	....	1	....	1	....	1	1	....	....	....	....	....	....	....	....	....
Ulcer of cornea	....	....	....	5	2	7	5	2	7	....	....	....	5	2	7	....	....	....	....	....	....	....	....	....	....	....	....
Opacity of cornea	....	....	....	2	2	4	2	2	4	....	....	....	....	2	2	1	....	1	1	....	1	....	....	....	....	....	....
2. Conjunctivæ—																											
Conjunctivitis	3	1	4	22	5	27	25	6	31	4	....	4	16	5	21	1	....	1	....	....	....	....	....	....	4	1	5
Ophthalmia	....	....	....	2	....	2	2	....	2	....	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....
Pteryguim	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Trachonia	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....
3. Eyelids—																											
Granular lids	3	....	3	....	1	1	3	1	4	....	....	....	3	1	4	....	....	....	....	....	....	....	....	....	....	....	....
Ectropion	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Trichiasis	....	1	1	....	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
4. Iris—																											
Synechia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Iritis	1	....	1	2	2	4	3	2	5	....	....	....	2	2	4	....	....	....	....	....	....	....	....	....	1	....	1
5. Lens and capsule—																											
Cateract	1	1	2	9	8	17	10	9	19	....	....	....	8	3	11	1	5	6	....	....	....	....	....	....	1	1	2
Glaucoma	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	1	....	1
6. Nervous—																											
Optic neuritis	....	....	....	....	2	2	....	2	2	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....
7. Tunics—																											
Chorodilis	....	1	1	1	....	1	1	1	2	....	....	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....
Neuro-retentitis	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Retinal hæmorrhage	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Sclerotitis	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....

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ORDER 5—Diseases of the Respiratory System.

	Remaining April 1, 1886.			Cases Admitted.			No. of Cases Treated.			DISCHARGED.									Transferred			Died.			Remaining April 1, 1887.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Asphyxia	....	....	....	....	1	1	....	1	1	....	....	....	24	10	34	1	4	5	....	1	1	....	1	1	....	....	....
Asthma	1	4	5	27	14	41	28	18	46	....	....	....	41	54	95	2	5	7	1	....	1	....	2	2	2	4	6
Bronchitis, acute	6	6	12	45	68	113	51	74	125	5	9	14	26	32	58	4	4	8	....	....	....	2	2	4	2	1	10
Bronchitis, chronic	3	3	6	38	37	75	41	40	81	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....
Catarrh	....	....	....	....	2	2	....	2	2	....	....	....	25	7	32	6	4	10	....	....	....	4	1	5	1	3	4
Emphysema	3	2	5	34	13	47	37	15	52	1	....	1	2	1	3	....	....	....	....	....	....	....	....	....	....	1	1
Laryngitis	....	....	....	4	2	6	4	2	6	1	1	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
Œdema of Glottis	....	....	....	....	1	1	....	1	1	....	....	....	1	....	1	1	1	2	....	....	....	1	....	1	....	....	....
Œdema of Lungs	1	....	1	2	1	3	3	1	4	....	....	....	22	7	29	1	4	5	....	....	....	....	....	....	1	....	1
Pharyngitis	3	....	3	26	13	39	29	13	42	5	2	7	18	14	32	1	1	2	....	....	....	6	1	7	2	2	4
Pleuritis	....	....	....	30	23	53	30	23	53	3	5	8	....	1	1	....	....	....	....	....	....	19	25	44	2	4	6
Pleurodynia	....	....	....	....	1	1	....	1	1	....	....	....	1	....	1	....	....	....	....	....	....	1	1	2	....	....	....
Pneumonia	1	8	9	39	70	109	40	78	118	3	23	26	16	26	42	....	....	....	....	....	....	2	2	4	....	1	1
Pneumonia, double	....	....	....	2	3	5	2	3	5	....	1	1	1	1	2	....	....	....	....	....	....	2	2	4	....	1	1
Pneumonia, pleuro	....	....	....	2	5	7	2	5	7	....	....	....	....	2	2	....	....	....	....	....	....	3	1	4	1	....	1
Pneumonia, typhoid	....	....	....	4	2	6	4	2	6	....	....	....	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....
Pyothorax	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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ORDER 6—DISEASES OF THE DIGESTIVE SYSTEM.

Abscess of Liver	....	....	....	6	3	9	6	3	9	....	1	1	1	....	1	....	....	....	....	....	....	5	2	7	....	....	....
Ascites	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	1	....	1
Calculus, biliary	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Cirrhosis of Liver	1	1	2	4	7	11	5	8	13	....	....	....	....	2	2	1	4	5	....	....	....	4	2	6	....	....	....
Colitis	....	....	....	3	5	8	3	5	8	1	4	5	1	1	2	....	....	....	....	....	....	1	....	1	....	....	....
Congestion of Liver	....	....	....	2	....	2	2	....	2	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Congestion of abdominal organs	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....
Colica Pictonum	....	1	1	10	37	47	10	38	48	....	6	6	9	31	40	1	1	2	....	....	....	....	....	....	....	....	....
Constipation	....	....	....	2	2	4	2	2	4	....	....	....	2	1	3	....	1	1	....	....	....	....	....	....	....	....	....
Duodenitis	....	....	....	1	1	2	1	1	2	....	....	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....
Dyspepsia	....	2	2	3	13	16	3	15	18	1	2	3	2	10	12	....	2	2	....	....	....	....	....	....	1	1	....
Enteralgia	....	....	....	2	4	6	2	4	6	1	2	3	1	2	3	....	....	....	....	....	....	....	....	....	....	....	....
Enteritis	1	2	3	17	20	37	18	22	40	8	7	15	9	11	20	....	....	....	....	....	....	1	4	5	....	....	....
Entero-colitis	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	....	....
Bubonocele	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Fistula in Ano	....	1	1	4	5	9	4	6	10	....	....	....	4	3	7	....	3	3	....	....	....	....	....	....	....	....	....
Gastritis	....	....	....	7	14	21	7	14	21	4	4	8	2	8	10	....	1	1	1	....	1	....	....	....	1	1	....
Gastro-enteritis	....	....	....	1	10	11	1	10	11	....	3	3	1	5	6	....	....	....	....	....	....	....	1	1	....	1	1
Glossitir	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hæmatemisis	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Hæmorrhoids	....	1	1	7	15	22	7	16	23	1	1	2	4	10	14	2	4	6	....	....	....	....	....	....	1	1	....
Hepatitis	1	....	1	6	9	15	7	9	16	....	....	....	2	8	10	2	1	3	....	....	....	2	....	2	1	....	1
Hernia	....	....	....	7	1	8	7	1	8	....	....	....	3	....	3	4	1	5	....	....	....	....	....	....	....	....	....
Hernia, scrotal	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	1	1	....	....	....	1	....	1	....	....	....
Hypertrophy of Spleen	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Icterus	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
Ilio-colitis	....	....	....	13	14	27	13	14	27	2	11	13	11	2	13	....	....	....	....	....	....	....	1	1	....	....	....
Intestinal Colic	....	....	....	....	2	2	....	2	2	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....
Indigestion	....	....	....	2	1	3	2	1	3	....	....	....	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....
Intussusception	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Inaniton	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Mercurialisation	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....
Obstruction to Bowels	....	....	....	1	2	3	1	2	3	1	....	1	....	1	1	....	....	....	....	....	....	....	1	1	....	....	....
Osteoma Cystic	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Peritonitis	....	....	....	5	2	7	5	2	7	....	....	....	....	....	....	....	....	....	....	....	....	4	2	6	1	....	1
Prolapsus Rectum	....	....	....	....	3	3	....	3	3	....	2	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Proctitis	....	....	....	1	3	4	1	3	4	....	....	....	....	3	3	1	....	1	....	....	....	....	....	....	....	....	....
Ptyalism	....	....	....	2	3	5	2	3	5	....	....	....	1	3	4	....	....	....	....	....	....	1	....	1	....	....	....
Typhlitis	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....
Teratoma Cystic	....	....	....	1	....	1	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Saracoma Abdominal	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Stricture of Œsophagus	....	1	1	....	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Ulcer, gastric	....	....	....	1	1	2	1	1	2	....	....	....	1	....	1	....	1	1	....	....	....	....	....	....	....	....	....

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ORDER 7—DISEASES OF THE URINARY SYSTEM.

	Remaining April 1, 1866.			Cases Admitted.			No. of Cases Treated.			Discharged.									Transfer'd.			Died.			Remaining April 1, 1867.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Albuminuria	...	...	...	...	1	1	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Bright's disease	...	5	5	...	...	...	5	...	5	...	...	...	4	...	4	...	...	...	...	...	...	1	...	1	...	...	...
Amyloid degeneration of kidneys	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
Cirrhosis of kidneys	...	...	...	...	1	1	1	1	2	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...
Cystitis	...	2	2	1	7	8	11	1	12	...	...	...	4	...	4	1	1	2	2	1	3	1	1	2	...	1	1
Diabetes	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enlarged prostrate	...	...	...	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Fistula, urethra	...	...	...	1	...	1	2	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Incontinence of urine	...	...	...	2	1	3	3	1	4	...	...	...	2	...	2	...	1	1	...	...	...	...	...	...	...	...	...
Nephritis	...	1	1	1	2	3	3	1	4	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis	...	3	3	1	3	4	4	4	8	...	...	...	2	...	2	...	1	1	...	...	...	1	...	1	...	...	...
Rupture of bladder	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...
Senile hypertrophy of prostrate	...	...	...	...	2	2	...	2	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Stricture of urethra	4	4	8	30	21	51	34	25	59	...	2	2	25	18	43	2	4	6	...	...	...	8	4	12	7	1	8
Uræmia	...	...	...	3	4	7	3	4	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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ORDER 8—DISEASES OF THE GENERATIVE SYSTEM.

Amenorrhœa					1	1		1	1								1	1												
Balanitis				7	2	9	7	2	9	1		1	5	2	7	1		1												
Circumcision				1	1	2	1	1	2	1		1		1	1															
Displacement of ovary					1	1		1	1												1	1							
Epididgmitis	4		4	24	14	38	28	14	42		1	1	26	11	37	1	1	2								1	1	2		
Gangrenous inflammation of scrotum				1		1	1		1													1		1					
Hydrocele		1	1	3	1	4	3	2	5				2	2	4	1		1											
Laceration of cervix				1	2	3	1	2	3								1	1		1	1					1		1	
Lacerated perineum					4	4		4	4		1	1		1	1		2	2											
Metritis					1	1		1	1					1	1														
Orchitis	1		1		2	2	1	2	3							1	2	3											
Paraphimosis				3	2	5	3	2	5		1	1	3	1	4														
Para-metritis					2	2		2	2					2	2														
Phimosis				10	2	12	10	2	12	2	1	3	7		7	1	1	2											
Procedentia uteri				1		1	1		1				1		1														
Prostatitis					1	1		1	1					1	1														
Posthitis				1	1		1	1	2				1	1	2														
Retroflection uterus				1	2	3	1	2	3				1	1	2		1	1											
Recto-vaginal laceration					1	1		1	1								1	1											

ORDER 9—DISEASES OF THE LOCOMOTORY SYSTEM.

Anchilosis				4		4	4		4				1		1	2		2								1		1		
Arthritis		2	2	4	6	10	4	8	12		1	1	3	6	9	1		1									1	1		
Caries				3	2	5	3	2	5	1		1		2	2	1		1								1		1		
Curvature of spine		1	1	1		1	1	1	2					1	1											1		1		
Gangrene				2		2	2		2				1		1							1		1						
Hip disease	1		1	2	1	3	3	1	4				2		2	1		1		1	1									
Inflammation of hand					3	3		3	3					2	2		1	1												
Inflammation of arm					1	1		1	1					1	1															
Inflammation of ankles		1	1					1	1					1	1															
Inflammation of knee		1	1		3	3		4	4		1	1		2	2		1	1												
Inflammation of leg		1	1	1		1	1	1	2				1	1	2															
Irritable stumps		1	1	1	6	7	1	7	8				1	7	8															
Morbus coxarius				1		1	1		1													1		1						
Necrosis	1	1	2	1	5	6	2	6	8		1	1	1	3	4	1	2	3												
Periostitis					2	2		2	2					1	1		1	1												
Potts' disease of spine	1		1				1		1				1		1															
Rupture, ligament					1	1		1	1					1	1															
Sclerosis, spinal		1	1				1	1	1								1	1												
Spondylitis					7	7		7	7					2	2		2	2										3	3	
Synovitis	2	1	3	8	15	23	10	16	26	2	4	6	7	11	18											1	1	2		

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ORDER 10.— DISEASES OF THE INTEGUMENTARY SYSTEM.

	Remaining April 1, 1886.			Cases Admitted.			No. of Cases Treated.			Discharged.									Transferred			Died.			Remaining April 1, 1887.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Abscesses	3	2	5	28	35	63	31	57	88	....	9	9	23	41	64	....	5	5	1	....	1	3	1	4	4	1	5
Abscess Ischio Rectal	....	....	....	6	4	10	6	4	10	....	1	1	5	2	7	....	1	1	....	....	....	....	....	....	1	....	1
Acne	....	....	....	2	3	5	2	3	5	....	....	....	2	2	4	....	....	....	....	....	....	....	....	....	....	1	1
Adenitis	....	....	....	16	2	18	16	2	18	....	1	1	16	1	17	....	....	....	....	....	....	....	....	....	....	....	....
Anasarca	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Carbuncle	....	....	....	....	8	8	....	8	8	....	....	....	....	8	8	....	....	....	....	....	....	....	....	....	....	....	....
Cellulitis	1	2	3	22	31	53	23	33	56	3	12	15	17	15	32	....	2	2	....	....	....	2	....	2	1	4	5
Dermatitis	....	....	....	8	9	17	8	9	17	....	1	1	8	7	15	....	1	1	....	....	....	....	....	....	....	....	....
Ecthyma	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eczema	....	2	2	19	29	48	19	31	50	1	2	3	16	24	40	1	2	3	....	....	....	....	....	....	1	3	4
Epithelioma	....	2	2	2	5	7	2	5	7	....	..	....	....	4	4	1	2	3	....	....	....	1	1	2	....	....	....
Favus	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Fibroma	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Furuncle	....	....	....	8	8	16	8	8	16	1	1	2	6	5	11	....	2	2	....	....	....	....	....	....	1	....	1
Herpes	....	....	....	2	2	4	2	2	4	....	1	1	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....
Inflammation Cervical gland	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Lichen	....	....	....	1	1	2	1	1	2	....	....	....	....	1	1	1	....	....	....	1	....	....	....	....	....	....	....
Erythema	....	....	....	1	2	3	1	2	3	1	1	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....

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ORDER 10—DISEASES OF THE INTEGUMENTARY SYSTEM.—*Continued.*

Œdema of Foot	....	....	....	3	1	4	3	1	4	1	....	1	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Œdema of Leg	....	....	....	4	1	5	4	1	5	....	....	....	2	1	3	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
Paronychia	....	....	....	2	1	3	2	1	3	....	....	....	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Purpura	....	....	....	2	....	2	2	....	2	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Psoriasis	....	....	....	....	4	4	....	4	4	....	....	....	....	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Roseola	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Scabies	1	....	1	8	14	22	9	14	23	2	6	8	7	7	14	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
Scrofula	1	....	1	....	2	2	1	2	3	....	....	....	1	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Struma	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sore Foot	....	....	....	....	2	2	....	2	2	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syocsis	....	....	....	....	4	4	....	4	4	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	2	2	....
Ulcers	2	20	22	54	111	165	58	131	187	1	4	5	44	98	142	5	17	22	....	....	....	....	....	....	....	....	....	6	12	18	....
Ulcers, Scrofulous	....	....	....	....	1	1	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Varicose veins	....	....	....	6	17	23	6	17	23	....	....	....	6	14	20	....	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....
Vertigo	....	....	....	1	3	4	1	3	4	....	....	....	1	3	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

CLASS IV.—DEVELOPMENTAL. ORDER 1.—CHILDREN.

Inanition	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

ORDER 2.—WOMEN.

Abortion	....	....	....	1	6	7	1	6	7	1	6	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Accouchments	1	1	2	....	18	18	1	19	20	1	12	18	....	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
After Confinement	....	....	....	....	4	4	....	4	4	....	2	2	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Miscarriage	....	....	....	....	5	5	....	5	5	....	4	4	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pregnancy	....	1	1	5	28	33	5	29	34	....	15	15	2	4	6	1	7	8	2	2	4	....	....	....	....	....	....	1	1	....	....

ORDER 3.—AGE.

Debility, General	....	....	....	6	23	29	6	23	29	....	8	8	3	11	14	....	2	2	....	1	1	3	....	3	....	1	1	....	....	....	....
Imbecility	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
Senility	....	....	....	10	11	21	10	11	21	....	....	....	3	2	5	2	4	6	....	3	3	5	2	7	....	....	....	....	....	....	....

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	Remaining April 1, 1886.			Cases Admitted.			No. of Cases Treated.			DISCHARGED.									Transferr'd.			Died.			Remaining April 1, 1887.		
										Well.			Improved.			Not Improved.											
	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.	Complicated.	Uncomplicated.	Total.
Amputation of arm	....	....	....	....	4	4	....	4	4	....	....	....	....	3	3	....	....	....	....	....	....	....	....	....	....	1	1
Amputation of finger	....	....	....	....	4	4	....	4	4	....	3	3	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Amputation of leg	....	....	....	1	3	4	1	3	4	....	3	3	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....
Amputation of toes	....	....	....	3	3	6	3	3	6	1	1	2	2	2	4	....	....	....	....	....	....	....	....	....	....	....	....
Burns	....	4	4	13	30	43	13	34	47	4	5	9	3	20	23	....	1	1	....	....	....	4	7	11	2	1	3
Contusions	2	5	7	61	89	150	63	94	157	9	16	25	52	66	118	1	10	11	....	1	1	....	....	....	1	1	2
Dog bite	....	1	1	....	....	....	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
Dislocations	....	2	2	10	7	17	10	9	19	3	3	6	6	3	9	....	3	3	....	....	....	....	....	....	1	....	1
Fracture, acetabulum	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	1	1	....	....	....	1	....	1	....	....	....
Fracture of ankle	....	....	....	1	4	5	1	4	5	....	....	....	1	2	3	....	....	....	....	....	....	....	....	....	2	2	4
Fracture of clavicle	....	....	....	5	9	14	5	9	14	2	4	6	3	2	5	....	3	3	....	....	....	....	....	....	....	....	....
Fracture colles	....	....	....	....	3	3	....	3	3	....	2	2	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Fracture of femur	....	1	1	12	16	28	12	17	30	....	7	7	2	4	6	1	....	1	1	1	2	6	1	7	3	4	7
Fracture of fibula	1	....	1	6	7	13	7	7	14	3	4	7	3	1	4	....	....	....	....	1	1	1	....	1	....	1	1
Fracture of fingers	....	....	....	3	4	7	3	4	7	2	3	5	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....
Fracture of humerus	....	1	1	3	3	6	3	4	7	1	....	1	1	2	3	....	....	....	....	....	....	....	....	....	1	2	3
Fracture of jaw	1	1	2	1	1	2	2	2	4	....	....	....	2	1	3	....	1	1	....	....	....	....	....	....	....	....	....
Fracture of maleolus	....	....	....	1	1	2	1	1	2	....	1	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Fracture of nose	....	....	....	6	2	8	6	2	8	1	....	1	3	1	4	2	1	3	....	....	....	....	....	....	....	....	....
Fracture of olecranon	....	....	....	1	....	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Fracture of parietal bone	....	....	....	1	1	2	1	1	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1
Fracture, Potts	....	1	1	1	3	4	1	4	5	....	2	2	1	2	3	....	....	....	....	....	....	....	....	....	....	....	....
Fracture of radius	....	....	....	6	3	9	6	3	9	2	....	2	4	2	6	....	....	....	....	1	1	....	....	....	....	....	....
Fracture of radius and ulna	1	....	1	4	....	4	5	....	5	....	....	....	3	....	3	....	....	....	1	....	1	....	....	....	1	....	1
Fracture of ribs	....	1	1	14	9	23	14	10	24	1	6	7	10	4	14	1	....	1	....	....	....	2	....	2	....	....	....
Fracture of scapula	....	....	....	2	2	4	2	2	4	2	....	2	....	1	1	....	....	....	....	1	1	....	....	....	....	....	....
Fracture of skull	....	....	....	5	8	13	5	8	13	....	....	....	1	1	2	....	2	2	....	....	....	4	4	8	....	1	1
Fracture of spine	....	....	....	3	3	6	3	3	6	1	2	3	....	....	....	....	....	....	....	....	....	1	1	2	1	....	1

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CLASS V—VIOLENCE. ORDER 1—ACCIDENTS AND NEGLIGENCE, CONTINUED.

Fracture of Tibia		1	1	3	7	10	3	8	11		4	4	2	1	3		1	1				1		1		2	2
Fracture of Tibia and Fibula	2	4	6	13	9	22	15	13	28	5	6	11	4	4	8					1	1	5		5	1	2	3
Fracture of Toes				3	1	4	3	1	4				2	1	3	1		1									
Fracture of Ulna		1	1		2	2		2	2		1	1					1	1									
Frost-Bites	2	10	12	15	18	33	17	28	45	1	6	7	14	18	32		1	1		1	1				2	2	4
Injury to arm					3	3		3	3					2	2		1	1									
Injury to chest					1	1		1	1					1	1												
Injury to foot		1	1	1		1	1	1	2	1		1		1	1												
Injury to head				1		1	1		1				1		1												
Injury to hip		1	1					1	1					1	1												
Injury to knee		1	1					1	1								1	1									
Injury to spine				1		1	1		1															1			
Injury to back					1	1		1	1																1	1	
Poisoning, chloroform					1	1		1	1					1	1												
Poisoning, morphine					1	1		1	1														1	1			
Poisoning, opium					1	1		1	1		1	1															
Poisoning					1	1		1	1														1	1			
Shock					3	3		3	3		1	1		2	2												
Sprains		3	3	34	69	103	34	72	106	8	11	19	23	53	76	2	3	5		1	1				1	4	5
Wounds, flesh																											
Wounds, gunshot		1	1	4	27	31	4	28	32		2	2	2	22	24							2	3	5		1	1
Wounds, incised		3	3	17	31	48	17	34	51		9	9	15	23	38	1	2	3				1		1			
Wounds, lacerated		2	2	36	40	76	36	42	78	2	6	8	29	32	61	2	1	3							3	3	6
Wounds, penetrating				5	7	12	5	7	12	2	4	6	2	3	5							1		1			
Wounds, punctured					6	6		6	6					6	6												
Wounds, scalp				25	12	37	25	12	37	5	2	7	19	7	26		3	3						1			1

ORDER 2—SUICIDE.

Chloral habit					1	1		1	1		1	1															
Morphine habit				1	2	3	1	2	3					2	2							1		1			
Opium habit					2	2		2	2					2	2												
Poisoning, arsenic					2	2		2	2					1	1								1	1			
Poisoning, morphine				1	4	5	1	4	5		1	1		2	2							1	1	2			
Poisoning, opium					2	2		2	2					1	1								1	1			
Poisoning, rough on rats				1	2	3	1	2	3					1	1							1	1	2			
Poisoning, strychnine					1	1		1	1														1	1			
Wounds, gunshot				1		1	1		1													1		1			
Wounds, incised					1	1		1	1														1	1			
Nihil		2	2		59	59		61	61		10	10		3	3		39	39		4	4				5	5	

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TABLE SHOWING THE NUMBER OF PATIENTS ADMITTED, DISCHARGED, DECEASED AND TRANSFERRED DURING THE FISCAL YEAR.

REMAINING APRIL 1, 1886.

White Males	342
White Females	16
Colored Males	45
Colored Females	1
Total	404

ADMITTED.

	April, 1886.	May, 1886.	June, 1886.	July, 1886.	August, 1886.	September, 1886.	October, 1886.	November, 1886.	December, 1886.	January, 1887.	February, 1887.	March, 1887	Total.
White Males	387	313	305	482	593	550	434	369	398	458	341	409	5,039
White Females	16	22	36	25	35	23	38	53	26	22	31	43	370
Colored Males	29	30	28	45	49	39	36	33	43	48	32	48	460
Colored Females	4	1	7	3	10	7	7	16	10	9	8	9	91
Total	436	366	376	555	687	619	515	471	477	537	412	509	5,960

DISCHARGED.

White Males	421	334	267	411	547	507	408	318	340	435	320	400	4,708
White Females	11	26	22	27	23	22	36	28	26	16	23	37	297
Colored Males	47	26	17	41	45	33	30	24	34	43	29	42	411
Colored Females	3	2	3	2	3	7	4	6	13	6	6	6	61
Total	482	388	309	481	618	569	478	376	413	500	378	485	5,477

DIED.

White Males	25	23	23	32	27	38	42	24	36	33	32	30	365
White Females	3	1	4	3	4	5	1	2	3	2	8	4	40
Colored Males	2	8	4	7	5	5	3	6	7	2	8	5	62
Colored Females	....	....	3	2	2	1	....	1	2	2	2	....	15
Total	30	32	34	44	38	49	46	33	48	39	50	39	482

TRANSFERRED.

White Males	8	6	5	2	3	....	1	....	3	....	1	....	29
White Females	3	....	1	1	....	1	....	6	11	3	5	3	34
Colored Males	....	....	....	....	1	....	1	....	1	....	....	....	3
Colored Females	....	....	....	....	3	....	1	1	3	....	2	1	11
Total	11	6	6	3	7	1	3	7	18	3	8	4	77

REMAINING APRIL 1, 1887.

White Males	279
White Females	15
Colored Males	29
Colored Females	5
Total	328

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TABLE SHOWING THE SOCIAL CONDITION OF PATIENTS ADMITTED DURING THE FISCAL YEAR.

	White.		Colored.		Total.
	Males.	Females.	Males.	Females.	
Single	3,606	152	309	50	4,117
Married	750	115	81	21	967
Widowed	664	103	69	19	855
Unknown	19	.....	1	1	21
Total	5,039	370	460	91	5,960

TABLE SHOWING THE AGE OF PATIENTS ADMITTED.

	White.		Colored.		Total.
	Males.	Females.	Males.	Females.	
Under 1 year	5	10	6	4	25
From 1 to 10 years	26	23	2	1	52
From 10 to 20 years	237	49	73	19	378
From 20 to 30 years	1,274	114	156	30	1,574
From 30 to 40 years	1,287	76	90	19	1,472
From 40 to 50 years	1,103	40	68	7	1,218
From 50 to 60 years	730	29	33	3	795
From 60 to 70 years	299	13	21	7	340
From 70 to 80 years	58	7	9	.....	74
From 80 to 90 years	7	3	1	.....	11
From 90 to 100 years	.....	1	.....	.....	1
Over 100 years	.....	1	.....	.....	1
Unknown	13	4	1	1	19
Total	5,039	370	460	91	5,960

TABLE SHOWING THE NUMBER OF CORONER'S CASES DURING THE YEAR.

Sex and Color.	April, 1886.	May, 1886.	June, 1886.	July, 1886.	August, 1886.	September, 1886.	October, 1886.	November, 1886.	December, 1886.	January, 1887.	February, 1887.	March, 1887.	Total.
White males	2	4	5	6	9	6	8	3	7	2	5	7	64
White females	....	1	2	....	....	1	....	1	1	1	4	....	11
Colored males	....	2	....	....	....	....	1	1	1	1	2	....	8
Colored females	....	....	....	....	....	1	....	....	....	1	....	....	2
Total	2	7	7	6	9	8	9	5	9	5	11	7	85

TABLE SHOWING THE NUMBER OF BIRTHS DURING THE FISCAL YEAR.

White males	1	....	1	1	1	1	....	3	....	....	....	2	10
White females	1	....	....	1	....	2	1	1	2	....	2	4	14
Colored males	....	....	....	....	1	....	....	....	....	....	1	....	2
Colored females	....	....	....	....	....	....	1	1	1	1	1	....	5
Total	2	....	1	2	2	3	2	5	3	1	4	6	31

TABLE SHOWING THE NUMBER OF STILL AND PREMATURE BIRTHS DURING THE FISCAL YEAR.

White males	1	....	1	1	1	....	....	1	1	....	....	....	6
White females	....	....	....	1	....	....	....	....	....	....	....	....	1
Colored males	....	....	....	....	1	....	....	....	....	....	....	....	1
Colored females	....	....	....	....	....	....	....	....	....	....	....	....	.....
Total	1	....	1	2	2	....	....	1	1	....	....	....	8

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TABLE SHOWING THE OCCUPATION OF PATIENTS ADMITTED TO THE HOSPITAL DURING THE FISCAL YEAR.

Agents	10	Firemen	14	Prostitutes	45
Artists	2	Finishers	2	Pavers	1
Architects	2	Foremen	2	Phrenologists	—
Actors	3	Florists	2	Pork packers	2
Athletes	2	Filecutters	2	Quarrymen	7
Bakers	56	Flagmen	1	Reporters	4
Barbers	25	Fishermen	3	Rope makers	2
Barkeepers	17	Gardeners	28	Repairers	3
Bartenders	13	Gasfitters	5	Railroad men	45
Base-ball players	1	Glasscutters	1	Raftsmen	2
Basket-makers	2	Glassblowers	3	Roofers	9
Blacksmiths	41	Grocers	1	Rivermen	2
Boilermakers	12	Grinders	2	Roustabouts	2
Book-binders	6	Gilders	1	Rag pickers	6
Book-keepers	15	Historians	1	Saddlers	3
Bootblacks	11	Hatters	3	Sailors	2
Bill posters	1	Harness makers	12	Salesmen	35
Bell boys	3	Helpers	3	Sawyers	1
Box makers	4	Hod carriers	4	Scalemakers	4
Brewers	24	Hostlers	75	Shoemakers	44
Bricklayers	26	Housewives	90	Seamstresses	9
Brickmakers	1	Housekeepers	5	Shoe cutters	2
Broom-makers	3	Horse traders	5	Solicitors	4
Buggy washers	3	Hucksters	3	Stove fitters	1
Brakesmen	8	Horseshoers	8	Stove dealers	1
Builders	3	Inspectors	2	Steam fitters	1
Beggars	1	Investigators of titles	1	Stonecutters	13
Brokers	1	Iron workers	8	Stone masons	17
Baggage masters	1	Janitors	6	Stenographers	1
Bridge men	3	Jewelers	2	Soldiers	1
Bridge builders	2	Jockeys	1	Showmen	1
Brush makers	11	Journalists	4	Stock buyers	2
Butchers	45	Lamplighters	2	Ship carpenters	1
Bundle boys	1	Laundresses	30	Ship caulkers	1
Car drivers	8	Laundrymen	1	Servants	194
Carvers	1	Lawyers	1	Steamboatmen	12
Cabinet makers	12	Letter carriers	1	Slaters	3
Canvassers	14	Locksmiths	4	Sail makers	2
Carpenters	138	Masons	2	Soap makers	2
Cigarmakers	13	Machinists	44	School boys	5
Cigar venders	2	Mechanics	5	Spinners	1
Clerks	113	Millers	9	Stewards	1
Confectioners	6	Millwrights	1	Surveyors	1
Conductors	9	Miners	7	Switchmen	3
Collectors	4	Merchants	5	Tailors	40
Cooks	85	Moulders	35	Tanners	6
Coopers	38	Marble cutters	10	Teachers	7
Coachmen	6	Marble polishers	3	Teamsters	120
Cash boys	1	Music teachers	3	Telegraph operators	5
Clergymen	1	Manufacturers	3	Tinners	19
Canners	3	Newsboys	2	Tile cutters	1
Contractors	2	Nihil	103	Tobacconists	8
Carpet-layers	1	Nurses	4	Tramps	7
Civil engineers	2	Office boys	2	Trunkmakers	1
Coppersmiths	2	Painters	113	Tag boys	1
Dairymen	2	Paperhangers	7	Upholsterers	5
Dishwashers	1	Packers	3	Unknown	11
Dead-beats	1	Peddlers	72	Varnishers	3
Drivers	17	Plumbers	11	Vault cleaners	1
Draughtsmen	2	Plasterers	14	Wagon makers	7
Druggists	8	Platers	1	Watchmen	8
Drummers	1	Pile drivers	1	Whiteners	5
Dyers	3	Pugilists	1	Wood carvers	2
Dentists	1	Pressmen	3	Wood workers	2
Engineers	23	Physicians	5	Waiters	77
Expressmen	5	Pattern makers	2	Watchmakers	10
Ex-soldiers	1	Photographers	7	Weavers	2
Engravers	1	Porters	53		
Farmers	14	Printers	33		
		Laborers			3,288

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TABLE SHOWING THE NATIVITY OF PATIENTS ADMITTED.

NATIVITY.	Males.	Females.	Total.	Per Cent.
At Sea	4	.....	4	.0671+
Australia	1	.....	1	.0168—
Austria	30	.....	30	.5201+
Bohemia	21	1	22	.3691+
Belgium	8	.....	8	.1342+
Canada	71	7	78	1.3087+
China	1	.....	1	.0168—
Denmark	11	.....	11	.1846—
England	184	15	199	3.3389+
Finland	1	.....	1	.0168—
France	62	7	69	1.1577+
Germany	1,339	38	1,377	23.1040+
Hanover	1	.....	1	.0168—
Holland	8	.....	8	.1342+
Hungary	8	.....	8	.1342+
Ireland	1,162	79	1,241	20.8221+
Isle of Man	1	.....	1	.0168—
Italy	22	2	24	.4027—
Mexico	4	.....	4	.0671+
Nova Scotia	11	.....	11	.1846—
New Foundland	1	.....	1	.0168—
Norway	6	1	7	.1174+
Palestine	1	.....	1	.0168—
Poland	13	.....	13	.2181+
Prussia	16	.....	16	.2685—
Russia	2	3	5	.0839—
Scotland	81	6	87	1.4597+
Spain	3	.....	3	.0503+
Sweden	67	1	68	1.1409+
Switzerland	136	4	140	2.3490—
Turkey	1	.....	1	.0168—
United States (white)	1,746	201	1,947	32.6678—
United States (colored)	460	91	551	9.2450—
Unknown	9	5	14	.2349—
Wales	7	.....	7	.1174+
Total	5,499	461	5,960	100.000—

TABLE SHOWING THE TOTAL NUMBER OF PATIENTS ADMITTED MONTHLY — THE NUMBER WHO ARE RESIDENTS OF THE CITY, THE NUMBER OF NON-RESIDENTS AND THE PER CENT OF NON-RESIDENTS ADMITTED DURING THE FISCAL YEAR.

MONTH AND YEAR.	Total Number Admitted.	Total Number of Citizens.	Total Number of Non-Residents.	Per cent of Non-Residents.
April, 1886	436	324	112	25.69—
May, 1886	366	274	92	25.14—
June, 1886	376	283	93	24.73+
July, 1886	555	401	154	27.75—
August, 1886	687	485	202	29.40+
September, 1886	619	394	225	36.35—
October, 1886	515	369	146	28.35—
November, 1886	471	345	126	26.75+
December, 1886	477	361	116	24.32—
January, 1887	537	398	139	25.88+
February, 1887	412	317	95	23.06—
March, 1887	509	361	148	29.08—
Total	5,960	4,312	1,648	27.65+

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Dr. BALANCE SHEET 1886–1887.—THE CITY HOSPITAL IN ACCOUNT WITH THE CITY OF ST. LOUIS. Cr.

To Officers and Employees' Salaries	$24,082 94	By Appropriation Ordinance No. 13,684		$69,250 00	
" Groceries	9,561 77	" " " " 13,817	$8,006 15		
" Fuel	3,080 74	Less provision of " " 13,931	1,061 10		
" Dry Goods and Clothing	1,883 21			6,945 05	
" Drugs, Instruments and Hospital Supplies	5,026 00	By Appropriation " " 13,931		4,520 00	
" Meat and Fish	8,558 95			$80,715 05	
" Bread	2,910 97	Less amount of bills last fiscal year		1,971 67	$78,743 38
" Brick and Sand	10 00				
" Forage	568 59				
" House Furnishing Goods and Furniture	1,040 04				
" Gas	1,906 10				
" Stationery and Printing	575 24				
" Hardware and Tools	89 19				
" Repairs and Improvements	9,702 44				
" Straw	143 62				
" Stable	47 97				
" Lumber	331 48				
" Paints, Oils, etc	204 13				
" Ice	899 61				
" Chickens	483 38				
" Engineer's Supplies	525 62				
" Shavings and Sawdust	14 50				
" Vegetables	1,009 65				
" Milk	2,800 47				
" Car Tickets	30 00				
" Postage Stamps	11 00				
" Rent of Telephone	40 00				
" Shrubs and Plants	72 10				
" Balance of Appropriation remaining on hand	3,133 72				
Total	$78,743 38	Total			$78,743 38

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THE NET COST OF THE HOSPITAL FOR THE YEAR WAS $74,517.33, AS SHOWN BY THE FOLLOWING CREDITS, VIZ:

Keeping four horses twelve months	$496 25
Amount left by deceased patients, paid to City Treasurer	218 98
Bills for board sent through the Health Commissioner	71 40
217 small coffins, furnished on order of Health Commissioner, at 60 cts.	130 20
119 large coffins furnished on order of Health Commissioner, at $1.50	178 50
Total	$1093 33

Daily average number of patients	333.79+	
Daily per capita expense for patients	62.06, —	net 61.16+
Daily per capita expense for patients and employees	50.76, +	net 50.08+
Daily average number of employees	74.30, —	
Daily average expense per capita for sustenance, patients and employees	17.01, —	

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ANNUAL REPORT

OF

GEO. F. HULBERT, M. D.,

SUPERINTENDENT

ST. LOUIS FEMALE HOSPITAL,

For the Fiscal Year Ending April 20th, 1887.

OFFICE FEMALE HOSPITAL,
April 20, 1887.

Gen. Jno. D. Stevenson, Health Commissioner:

SIR — I have the honor to submit the annual report of this institution for the fiscal year ending April 1, 1887.

Epitome of following table presents the following: 1644 patients admitted against 1689 the previous year, a decrease of 45; 119 patients have died against 116 the previous year; of 280 children born in hospital 40 have died, 6 of which were still-births, against 37 children, 11 of which were still-born, out of 249 born the previous year. The daily average of patients has been 227 against 232 the previous year. The daily average of employees and officers has been 49 against 48 the previous year.

The cost of feeding one person, including patients, officers and employees has been $0.1783 against $0.1613 the previous year.

The cost of maintenance (this includes everything except money expended for improvements), has been $0.5891 against $0.5451 the previous year. Our total expenditures for current expense has been $49,311.52. Our appropriation, $49,550, leaving a balance of $238.48 reverting to the City Treasury. Our expenditures of the previous year was $46,162.31. The increase in this year's expense is to be accounted for by the chaos against which the institution has contended in the re-construction of the northeast wing. It became necessary to erect a temporary kitchen, and the amount of material wasted in the one item of feeding is enough to account for the increase. Everything that was prepared for food for the patients had to be carried across the yard, and by the time the patient received her meal it was barely fit to eat. There has also been expended for steam heating apparatus, sewer and water-closet appliance, $1,000 out of our general appropriation. This material was placed in the re-constructed wing of the main hospital building. Another item that has fairly "loomed up" in amount, is our fuel account. This is not due to a "severe winter," or increased

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demand of heating surface, for our winter has been short and not severe, and our heating surface has been decreased (loss of colored wards), but the increase has been due to the most miserable quality of coal the institution has been called upon to use. It has been simply *robbery*. I have repeatedly protested against receiving the article, but no relief has been granted. As a matter of fact, comparison of results made from year to year are only partially satisfactory for the purpose of test, when we consider the interferences or emergencies that may arise from time to time, and make one year receive the full credit or discredit of times previous. It is only by comparisons based upon a series of years, and the greater number the more just and perfect the estimate, that a fair estimate can be made of any administration. For the purpose of showing the results of the present administration, I desire to present statistics and facts connected with the present administration of four years and four months, and for the same period of time preceding. In doing so the only object aimed at is to show the work accomplished and results gained, professional and executive.

FOR THE PERIOD OF FOUR YEARS AND FOUR MONTHS PRECEDING THE PRESENT ADMINISTRATION FROM AUGUST, 1878, INCLUSIVE, TO DECEMBER, 1882.

Amount of appropriation for current expenses	$136,950	33
" " " " improvements	7,300	00
Daily average number of patients for above period	165	
" " " " employees for above period	33	
" cost per capita for maintenance of one person		.4379
" " " " " feeding " " "		.1818
" " " " " maintenance of one patient		.5249
No. of patients admitted for above period	5,471	
No. of deaths of patients	476	
Percentage of deaths		.0870
No. of women delivered during above period	780	
" deaths from all causes consequent on delivery	60	
Percentage of deaths from all causes in parturition		.0775

FOR THE PERIOD OF FOUR YEARS AND FOUR MONTHS, OR PRESENT ADMINISTRATION, DECEMBER, 1882, INCLUSIVE TO APRIL, 1887.

Amount of appropriation for current expenses	$190,791	76
" " " " improvements	11,445	00
Daily average number of patients for above period	210	
" " " " employees for above period	45	
" cost per capita for maintenance, one person		.4732
" " " " " feeding, one person		.1779
" " " " " maintenance, one patient		.5841

In the estimate of daily average of patients during the period of August, 1878, inclusive to December, 1882, there is included a daily average of sixteen infants born in the hospital. During the period from December, 1882, to April, 1887, infants born in the hospital are *not* included.

The corrected daily average is, therefore, as follows: —

Daily average of patients from Aug., 1878, inc. to Dec., 1882	149
" " " " " Dec., 1882, to April, 1887	210

The corrected cost of feeding and maintenance is as follows: —

Per capita cost of maintenance from Aug., '78, inc., to Dec. '82.	$0	5813
" " " " " Dec., 1882, to April, 1887	0	4732
" " " feeding from Aug., 1878, to Dec., 1882	0	1913
" " " " " Dec., 1882, to April, 1887	0	1779

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Patients admitted from December, 1882, to April, 1887	7226	
No. of deaths of patients	578	
Percentage of deaths of patients		.079
No. of women delivered during above period	1117	
" deaths from all causes consequent upon delivery	35	
Percentage of deaths of parturient women from all causes		.03$\frac{1}{2}$

The present administration has resulted in the following economy:—

On cost of maintenance for whole period	.1081
" " " feeding for whole period	.0204
" saving of life of patients	.01
" " " " " parturient women	.04$\frac{5}{8}$

An institution received in a demoralized, poverty-stricken condition to one in perfect order and well equipped for the purpose for which it is maintained.

In order that a just and fair conception can be had of what the cost of feeding means I append the regular and extra diet tables of the Female Hospital evolved from experience and practice.

The regular diet is for those not in need of the extra.

The extra diet is for those who cannot partake of the regular. In the case of patients who know what they desire on the extra diet list, the order is written by the superintendent on the kitchen; when they are so ill that they know not, the nurse is given an order to go to the kitchen before each meal and order *whatever* the patient may desire.

REGULAR DIET.

MONDAY.

Breakfast.	*Dinner.*	*Supper.*
Coffee.	Barley soup.	Tea.
Bread.	Boiled beef.	Fresh bread.
Irish stew.	Boiled hominy.	
	Bread.	

TUESDAY.

Coffee.	Potato soup.	Tea.
Bread.	Boiled mutton.	Stewed peaches.
Beef stew.	" potatoes.	Fresh bread.
	" parsnips.	Potato salad.
	Milk gravy.	
	Bread.	

WEDNESDAY.

Coffee.	Pea soup.	Tea.
Bread.	Mashed potatoes.	Stewed prunes.
Hash.	Roast beef and gravy.	Fresh bread.
	Boiled rice.	
	Bread pudding.	
	Lemon sauce.	

THURSDAY.

Coffee.	Vegetable soup.	Tea.
Bread.	Boiled beef.	Stewed apples.
Potato hash.	Baked potatoes.	Fresh bread.
	Tomato pickle.	
	Bread.	

FRIDAY.

Coffee.	Bean soup.	Stewed peaches.
Bread.	Fried fish.	Bread.
Codfish stew.	Boiled potatoes.	Tea.
	Mashed parsnips.	
	Bread.	

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SATURDAY.

Coffee.	Maccaroni soup.	Tea.
Bread.	Boiled mutton.	Stewed apples.
Dutch stew.	Boiled potatoes.	Stewed peaches.
	Boston baked beans.	Fresh bread.
	Gravy-bread.	

SUNDAY.

Coffee.	Vermicello soup.	Tea.
Coffee cake.	Mashed potatoes.	Stewed prunes.
Baked hash.	Roast beef and gravy.	Ginger bread.
Bread.	Tapioca pudding.	Bread.
	Milk sauce-bread.	

EXTRA DIET.

Chicken soup.	Veal, roast.	Chicken salad.
Milk "	Turkey, roast.	Poet's "
Mutton stew.	Pork "	Stewed tomatoes.
Veal "	Beef "	Baked "
Chicken "	Mashed potatoes.	Scolloped "
Beef "	Baked "	Steak, fried.
Kidney "	Fried "	Pork "
Chicken, roast.	Saratoga "	Veal "
Mutton "	Potato salad.	Chicken "
Liver fried.	Scrambled eggs.	Hash on toast.
Bacon "	Boiled onions.	Greens and bacon.
Ham "	Fried "	Stewed corn.
Sausage fried.	Ham omelet.	Broiled ham.
Boiled eggs.	Egg "	Fried mackerel.
Fried "	Baked maccaroni.	Boston baked beans.
Poached eggs.	Boiled bacon.	
Boiled milk.	Batter cakes.	Tomato ketchup.
Chocolate.	Chicken broth.	Chip beef.
Coffee.	Beef tea.	Crackers.
Tea.	Rice water.	Lemon pie
Oatmeal mush.	Barley water.	Cream "
Cornmeal mush.	Stewed cranberries.	Custard "
Corn starch.	Green onions.	Cranberry pie.
Thickened milk.	Lettuce.	Pumpkin "
Baking powder biscuits.	Celery,	Green apple pie.
Oatmeal gruel.	Cheese.	Peach "
Cornmeal gruel.	Sardines.	Currant "
French toast.	Green apples.	Prune "
Dry toast.	Can pine apple.	Raisin "
Buttered toast.	" peaches.	
Milk "	" pears.	
Buttered bread.	Pickles.	
Boiled Custard.	Blanc mange.	Chocolate cake.
Baked "	Lemon gelatine.	Cream "
Island float.	Nutmeg cookies.	Doughnuts.
Sally Lana.	Ginger "	Baked apples.
Cracker pudding.	Lemon "	Fried "
Rice "	Cocoanut cake.	Stewed "
Corn starch pudding.	Sponge "	

EXTRA DIET.

FURNISHED BY PATIENTS.

Oysters.	Rabbit.	Jelly.
Honey.	Fruit, fresh.	Fruit canned.
Cabbage.		

In the above, I am of the opinion no other institution of the character of this, excels. We believe the secret of a good diet lies in the amount and quality of work done in the kitchen.

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For three years we have also had the benefit of a garden, which has furnished for our tables, one and all, some 40 different varieties of fruit and vegetables, the average yield from this source, estimated by the market price at time of consumption, has been $1,500. On account of these advantages can we furnish a diet as above at the cost of $0.1779 per day for one person.

IMPROVEMENTS OF THE LAST YEAR.

During the year the fence on Arsenal Street, front and east side of the property, has been replaced with a new barbed wire fence, consisting of selected cedar posts, white pine dressed base board and bottom rail; in the top of each post a gas pipe cross has been firmly set, the ends of the three free arms acting as supports to the three top strands of wire; on the posts are six strands. This gives us a fence that cannot be climbed and one that will endure. It has also very materially changed the appearance of the place for the better. On the Arsenal Street front the ground has been graded into a handsome slope. This work was very kindly done for us by the work-house convicts, on an order from his honor, Mayor Francis, and I desire to express my thanks to his honor and Mr. Kunz for the favor. The change produced by these improvements has been one of beauty.

The long desired and oft recommended reconstruction of the shaky northeast wing of the main building has this year been attended to. The revelations in construction brought to light in this work readily account for the result which made the reconstruction necessary, and have demonstrated the fact that this building in its entirety is a miserable excuse. There were found in the brick walls extending from the stone work to the top, air shafts, having on the in and outer side *one* course of brick. In other places there were spaces of various dimensions, simply filled in with broken bats and mortar that looked as if the material had been poured in. In the foundation, which only extended below the surface of the ground two feet, there was no evidence of a "footing course." It seemed as if a trench had been dug, and in this trench for the depth of a foot broken rock and spauls, mixed with mortar, not cement, had been thrown in regardless of the weight that had to be sustained. On top of this was placed the foundation, the stone of which were none of them large enough to span the width of the wall. In the light of these facts it is no wonder that settling and cracking of walls should occur. A careful survey of the entire building only tends to confirm the statement that it is in all its parts of like kind, and it is only a question of time when other reconstruction will be necessary. As a matter of fact, the northwest wing is not safe, the walls are not plumb, the window arches are cracked, and one of them is working out, the walls are badly cracked in places; the coping and cornice stones over the windows are separated and cracked in places; the inside partitions are settled and bulging. In fact the wing should be condemned and reconstructed.

In the reconstruction of the northeast wing a new water-closet tower was built, which has added very much to the convenience of the institution. In this has been placed our plan of water-closets and wash-stands which, in like manner, with the previous ones placed in the other parts of the hospital, have demonstrated their cleanliness, convenience and perfect construction for institutional use.

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In the grading of the Arsenal Street front the dirt removed was utilized in leveling and filling up the hollow in the southwest corner of the yard. This place when I took charge was a hollow of one half acre in extent, of an average depth of six feet, filled with the accumulation and rubbish of many years. It is now filled with dirt, graded, and has added a large surface of ground to the place, that can be utilized for future needs. The old smoke stack which for some time has reared its head above the roof, has been taken down.

Beyond this the every-day repairs of an institution of this character have been made.

Under the head of improvements I would report the destruction by fire of the old frame building used as wards by the colored patients. The accident occurred November 6, 1886, at 7 a. m. The cause of the fire was, in my opinion, due to the overheated steam pipe situated between the ceiling and floor above; at this point pipes branched in three different ways to supply the floor above, and at this point was the smoke and fire first seen. A survey of the wreck fully justified the statement that at this point the fire started; the contents, patients and records, were saved with very little damage. During March, 1887, the part of the building saved from fire, was torn down and removed. Thus, has passed out of existence and become a matter of history, one of the departments of this institution, which it could ill afford to lose, but which was so miserable in plan and construction, so ill adapted for the purpose which it served, it seemed sarcasm to speak of it as the colored wards, it was called "Africa," that I do not hesitate to report it as one of the *improvements* of the year.

The sewerage question has been settled this year. There has been laid, and connections with the institution made, a sewer extending to the south branch of Mill Creek. We are now relieved of the bother and expense of our previous arrangements made in Summer of 1884, and the noxious smells wafted to the place by east and southeast winds.

IMPROVEMENTS ASKED FOR DURING PRESENT ADMINISTRATION.

In my report of fiscal year ending April, 1883. — A laundry, male employees' quarters, cistern for water supply, sufficient fire escapes and apparatus, new fences.

Report of fiscal year ending April, 1884. — Water supply; laundry; fire apparatus; separate building for pregnant women; colored patients, better provision for; dining rooms; elevator for food to dining rooms; ventilation of building; new water closets; proper disposal of sewerage; repairs on assistant physicians' quarters; new male employees' quarters; new stable; painting and repairing entire building.

Report of fiscal year ending April, 1885. — New stable (old one burned down January 26, 1885); disposal of sewerage; water supply; laundry; separate ward for pregnant women; new fences.

Report of fiscal year endiny April, 1886. — More room; separation of the social evil; a druggist; separate ward for pregnant women; laundry; water supply; new fences.

During past year I have asked for all of the above by word of mouth and letter; also a new fire pump and apparatus, stand pipes, etc.; re-

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construction of steam-heating apparatus; pest wards; colored ward; dining rooms; elevator for patients and food; laundry machinery.

IMPROVEMENTS MADE DURING PRESENT ADMINISTRATION.

Report of year ending April, 1884. — Partial renovation of second floor; removing heating coils from corners to center of wards; general current repairs.

Report of year ending April, 1885. — Reconstruction of bath rooms and water closets; painting; repairing of plaster and woodwork of most of the inside of main hospital building; painting of assistant physicians' quarters and office; full equipment of hospital with wire mattress beds; general current repairs.

Report of year ending April, 1886. — Converting old ice-house into a stable; druggist; building of refrigerator and house for same; general current repairs.

THE INSTITUTION OF TO-DAY AND ITS NEEDS, WITH THE REASONS THEREFOR.

It would seem that in consideration of the fact of constant repetition of requests, that more would have been done for the institution than has been. The fact is, there has been very little done which had any direct bearing upon its most pressing needs. These needs were of such a character that it is an impossibility to accomplish anything out of our general appropriation.

In the way of supplies and sustenance we have had all that was necessary. In the way of conveniences we have had very little. This last year we thought we saw an appropriation of $15,000 that would meet some of our necessities, but when presented to His Honor the Mayor, as a matter of law and order, he was compelled to veto it. So that to-day the institution has enough to eat, plenty to wear, is fairly well equipped for its purpose, it is in perfect order, it is clean, but beyond this it is a struggle against almost every conceivable difficulty to keep it where it is. If the conveniences were as they should be there would be very little friction.

The first matter I wish to call attention to, and with emphasis, is the *constant danger from fire* we are exposed to and the primitive means we have for protection. The entire building is a mass of ramifying steam-pipes, some of them in direct use, others cut off at their distal end, or blind pipes. These pipes, of all sizes, are laid under the floors, through the floors, run up, hid from sight or access, between the laths of partitions; everywhere they lay in contact with wood that has become dry and seasoned by the constant dry heat; the branches pass out through wooden baseboards to the coils. Here in these inaccessible recesses accumulates the dust and powder generated in a house. Here the rats and mice carry paper, rags, grease, food — everything that this class of vermin can get hold of. Here in these warm, secluded places they build their nests of refuse. In these nooks and recesses the amount of heat generated can become terrific. A stray match may be carried here and be ignited, although the conditions are ripe enough without a match. Alongside of the steam pipe lay the gas pipe, in some places the gas is in direct contact with the steam pipe.

After our experience of last fall in the loss of the colored ward, where the evidence of the cause of the fire was so plain, this state of

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affairs in the main building has become a constant source of concern to me, and I have reported the matter, asked for relief, but did not receive any reply. In addition to all this, on account of the miserable plan after which the whole system of heating has been arranged, it is impossible in severe weather to properly heat the distant parts of the building without a heavy pressure of steam. At times we have carried fifty to sixty pounds of steam. If it was properly arranged five to ten pounds ought to be sufficient to keep every ward comfortable.

In the additions and makeshifts that have been placed to the original "residence" used for the social evil there are four places which are a constant menace to the safety of the place; two of these are directly over the Superintendent's quarters; one, a large, windowless, dark room; the other, a space between the ceiling of the bath room and floor above; another is under the floor in front part of ward 30. All of these are places of accumulation and are dangerous. The last one is the storeroom used for the patient's baggage. Eternal vigilance is the price of safety from these places of danger.

In the reconstruction of the northeast wing the lightning rods were broken and disarranged and have not yet been repaired. This leaves us open to another source of danger from fire.

To meet this constant danger of fire, which is not at all overdrawn, the opinion of others to the contrary notwithstanding, we have a fire apparatus that is utterly unreliable; we have three small pumps inherited from some of our forefathers in municipal affairs which are simply unsafe in every respect. They have been repeatedly repaired — enough money laid out for new ones, and at last condemned by the repairer as being beyond any further remedy. The larger one has not and cannot be used. The smaller one has hardly capacity to keep the tank in the tower full. The smallest is used to draw the condensed steam from the heating apparatus, and is frequently out of order. Their efficiency as pumps is still further interfered with by having a supply pipe from the cistern barely large enough to keep one of them going.

The value of the whole plant was beautifully illustrated at the fire last fall, when all three propelled a stream like unto a squirt gun in quantity and force. Our water storage and supply is limited to a tank of 4200 gallons in the tower, from which the whole place is supplied, and a receiving cistern of 4200 gallons capacity. As a matter of supply, we can get with it, running twenty-four hours, 24,000 gallons. It only supplies during fourteen hours of the twenty-four. We consume for every-day use 14,000 gallons. Almost every day the last year we have been reduced to the last foot before we received any.

For the nozzle end of the fire apparatus we have one three-inch stand-pipe in the building. This is situated on the wooden porches, which of themselves are one of the worst fire traps about the building. This stand-pipe has lines of hose (100 feet) on each floor attached to it. The pipes are also the supply to the tank, thus insuring a water supply, if there is any water, under all circumstances.

In a test made to-day with fifty feet of hose on the fourth floor, we got a vertical stream of fifteen feet, a horizontal of twenty-five feet, through a five-eighth inch nozzle. This demonstrates simply a *toy*.

What is needed is sufficient pump power, stand-pipes of sufficient capacity in and outside the building, so that every part of it can be reached by fifty-foot sections of hose; also a line of pipes with plugs

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at each corner of the building, so that the outside can be reached. The stand-pipe on outside can control the roof. A hose carriage for outside hose. I next wish to again call attention to the matter of fire escapes. We have *one* somewhat disfigured from the reconstruction of last fall. It is a fire escape in name simply. In winter it is all one's life is worth to go down it. There is needed three more at least and a more modern one in the place of the old one.

The wooden porches we now use as dining rooms are another of the sources of danger from fire. They are wood and glass; outside of this they are insecure, frail, and since the removal of the smokestack have lost a very important support. When we consider that here assemble almost the entire population three times a day, the strain they are put to becomes manifest. They are shaky and anchored only by the joist entering places cut out of the walls. What is needed in the place of these dangerous porches are dining room facilities on each floor and basement. I have presented a plan for this addition. In this construction provision is made for a large central hall through the entire building, thus relieving the wards of all disturbance of traffic from one part of the building to another; there is also provision for large dining room and food elevator; also provision for a passenger elevator, situated so that direct access can be had to it from the patients' reception room and different floors of the building.

The matter of ventilation of the fourth floor is one demanding immediate attention. We have placed ventilators over all the water closet towers, pest wards and front hall, but for the wards and back hall on this floor there is no ventilation. This part of the building receives the deleterious effects from all the hospital beneath — up through the halls, up through the air shafts in the walls comes the poisonous effluvia, from the air shafts it is emptied into the space between the plaster and slate mansard on outside, and is supposed to find its way out through a small crack that skirts the edge of the roof.

Daily are we called upon to see the deleterious effects of this state of affairs on the progress and recovery of the patients on this floor. It is simply an ochlesis or crowd poisoning, manifested by a persistent general malaise, in some loss of appetite, irregular chills and fever. In some cases I have insisted that the patient should leave the hospital in order that she might get well. Some of them are very susceptible to this influence and suffer from the time they come in until they leave. They get well out of the hospital instead of in it.

Another matter that needs immediate attention is a proper provision for the colored patients. Since the destruction of the wards used for this class of patients they have been herded in one ward in the main building. This room is thirty-one feet by eighteen feet. In this space we have been compelled to place every disease that came to us in a colored patient. There have been thirty-five patients crowded in this room in the coldest weather, beds, cots and patients in solid array, packed in like sardines in a box. This state of affairs has existed since November 6, 1886, and not a single remedy has been offered to us to relieve this disgraceful state of affairs.

Our provision for pest cases is another of the defects which are matters of grave concern. We have two wards for this class of cases situated on the third floor in the southwest wing of the building.

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We use them for all kinds of pest cases. Scarlatina, erysipelas, measles, septicæmia, cancer, etc., have been crowded into them at one time. As a matter of fact there is no separation or isolation save in name. The inhuman system that entails this sort of management is beyond condemnation with words. All of this must be treated, relieved or *killed* under the same roof in the same building of an institution which has as one of its largest departments a lying-in division. What is demanded is a separate building for this class of diseases, so that isolation will be a fact, not a name.

Apropos in this connection comes the consideration of a new and separate ward for pregnant women.

In my report of 1884 I speak as follows: —

The present plan of having these cases in a building which receives all diseases, contagious and non-contagious save small-pox, is not right. In the light which is now shed on puerperal complications and fatality, it is placing puerperal women in a hazardous and unsafe condition. It resolves itself into a question of life and death, and entails a system whose dangers are maximum which could be substituted by one whose dangers are minimum.

In the report of 1885 I speak as follows: —

A lying-in ward with a capacity for one hundred patients, separate and detached from all buildings, is one of the greatest necessities of our institution. This year we have been called upon to care for 297 women delivered in the hospital; out of this number five have died from septic influences. These women have been housed, delivered, recovered and died in a building devoted to general hospital purposes, a hospital called upon to care for all classes of diseases except small-pox, and a building in which erysipelas, scarlatina, measles, etc., originate. In their care every precaution possible has been taken; isolation from all persons and parts of the hospital, the enforcement of absolute cleanliness, and as nearly as possible perfect antiseptic precaution, and have succeeded in carrying the division through the year with *only* 5 deaths out of 297 cases. I say "only," because without egotism this is a record to boast of. But this will not do in this day of enlightenment; this is not good enough by any means, and while comparing more than favorably with other institutions of a like character it does not give the results attained by those which are devoted to maternity uses only.

As a matter of information I present the following reports of foreign and home institutions: —

In the Edinburgh infirmary in 1773 almost every woman was seized with septicemia and died. Maisons Accouchments of Paris, one in three died. In London in 1760–68–70 nearly all the patients in the Lying-in Institute died. In Berlin, 1862, nearly every patient died. In the Maternity Hospital, Copenhagen, from 1865 to 1869 the mortality was 1 in 37. In the Rotunda Hospital of Dublin, from 1870 to 1876, 1860 cases, 1 in 91 died.

In the Vienna Clinic from 1834 to 1862 the mortality was 6 per cent, 1842 it was 17 per cent. In Bellview Hospital in 1872 28 deaths in 156 cases. The Maternity of Paris in 1864 had a mortality of over 20 per cent. In 1866 Prague Maternity had a mortality of over 9 per cent. The Maternity Hospital of New York, as late as 1877, had a mortality of over 7 per cent. This record is, thank God, of the past. Now let us take some of these institutions with more recent records: The Vienna Clinic, from 1863 to 1878, had a mortality of $1\frac{6}{10}$ per cent.; the Glasgow Maternity, last report, was $1\frac{56}{100}$ per cent; the Copenhagen Maternity, $\frac{5}{10}$ of 1 per cent; the Prague Maternity, Brinkey's Clinic, 1881, $\frac{31}{100}$ of 1 per cent; Tarnier's Pavilion, from 1880 to 1883, *nothing;* that of Prague Maternity for 1882, 1,100 cases, *nothing;* that of New York Maternity, Dr. Garrigan's last series, *nothing.* Our mortality for 1884–85 was about $1\frac{1}{2}$ per cent; so that our mortality is less than any of the general hospitals mentioned, and compares favorably with those which are exclusively maternity hospitals.

These results, while a cause for congratulation, are not what should be. The past history of this department of this institution has been a fearful one.

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I am satisfied, I know it, that if the city of St. Louis will place the proper building for this work, that our mortality can and will be *nothing* from these causes.

In the report of 1886 I speak as follows: —

We have been called upon this year to care for 249 patients for confinement. Out of this number we have lost, all told, by death, 2, giving us a mortality of about ½ of one per cent. This is the death rate from all causes, accidents, sepsis, etc. I think, sir, you can present results upon this question which are not excelled by any institution of like character, a general hospital, we have yet heard from. It must be borne in mind that these results are worked out under most trying circumstances.

All of these women under the same roof as the rest of the inmates. Surrounded by all classes of disease but small-pox, crowded beyond reason, and received from all classes of life. Now if this can be done under these conditions, what could be done under proper sanitary surroundings? I am constrained to repeat, and with emphasis, my recommendation of the last three years, a lying-in department, separate and distinct, for this class of patients, with a capacity of 100 or more.

A reference to these reports shows a varying rate of mortality. The grand total of deaths for the present administration is 35, from all causes, out of 1117 women delivered; of this 35, 10 can possibly be credited to the accidents of parturition, the other 25 must stand as the death rate due directly to sepsis or blood poisoning. In the light of modern results 20 of these should not have occurred if they had been properly protected from infection. When I took charge of this institution it was a matter of wonder to me, considering the system under which it was conducted — the miserable provision that was made, the sanitary condition of the building, the equipment of the lying-in division — that any of them succeeded in getting well. It was such a frequent and regular occurrence for puerperal diseases to appear that it was expected in certain months of the year to have more or less of it. Twice has the institution been abandoned on account of epidemics of these troubles. The last time was in June of my first year, and outside of the direct local conditions, which I had not been able to change, what brought about the epidemic was the fact of a careless and incompetent nurse. Since then we have had no epidemics, but every year has brought its share of sepsis, sporadic in character. This has occurred in spite of the most complete antiseptic precautions and regulations that it was possible to establish. Eternal vigilance has been the price of the success we have had. In spite of this, our success is not at all what it should or would be if the proper provision was made. Until this is done, yearly must women sacrifice their lives on the altar of this system. The cry is economy. Ye gods! is there anything in history that can exceed in barbarism and inhumanity the past and present perpetuation of this system? For dollars and cents, for economy, human life must be sacrificed.

It matters not whose the life, what the life, or where the victim goes to after death. There is lost, *unnecessarily*, human life. This is an assumption of authority that belongs to the Creator. This loss is largely if not absolutely preventable. I, who have stood by the bedside of the victim, ready at any and all times to shoulder any blame of mismanagement or carelessness that I may have been guilty of, and beheld the practical results of the system, not theoretical, many times sought for the flaw. My reason and judgment could only find a system

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so cruel and inhuman that it seemed incredible. I am one of those who stand on the principle that septicæmia, save in one-half of one per cent possibly, not more, should not exist. That if it does, there is evidence of carelessness and infection directly due to the person, things or surroundings of the patient. In this I am not alone, advanced thought and practice sustain me; the profession sustain me, and, thank God, the public mind is beginning to demand it. This is my platform. I have not been able to realize these results in this hospital, and never will as long as the present system remains. Others in other places have done so and gone even further in working out results of *nothing* in thousands of cases. What is needed for this work is a separate building for this class of patients constructed in a manner to insure *absolute cleanliness.*

The need of a laundry has been presented in every report we have made. The following is an average report of the work done in our laundry for one week: —

Blankets (prs.)	50	White Bed Spreads	100
Chemises	400	Towels	100
Night Gowns	400	Under Gowns (flannel)	100
Pillow Slips	500	Drawers (flannel)	100
Sheets	500	Wrappers	200
Flannel Skirts	200		

Add to this the washing for fifty officers and employees. We have five women under pay, two small rooms, and clotheslines and washtubs to do the work with. This fall I found an old pump, which our engineer has converted into an engine, from which we now get power to run the wringer. Beyond this all the work is done by hand.

The laundry rooms are in the basement, and odors arising from the work permeate the entire building at times.

I have presented a plan for a laundry building of two stories, which will meet our needs. The upper floor is intended to house the women employees, thus removing them out of the hospital building. They now have their rooms alongside the wards for patients and are constantly in the atmosphere and influence of the hospital. All this room will be gained for the use of patients.

DISCIPLINE AND ITS DEFECTS.

The matter I wish especially to call your attention to in this connection is regarding discipline among the patients. The rules of the institution call for the immediate discharge of any patient who in any way refuses to obey the rules, except in cases where they are mentally unsound or where they are suffering from "fever." We have acted in accordance with the regulation in all cases, during the first three years of our administration, and in many cases the insubordinate was returned to the hospital in the next ambulance. This was sufficient to sow the seeds of insubordination in others, and the result was that the authority of the Superintendent was a matter of contempt to those over whom it was exercised. This has not been a matter of rare, but of frequent occurrence. The reasons advanced for the infringement of the rule were that the patient was not in good health; was not in the habit of yielding obedience to any authority; that they should be *led* rather than compelled to obey; that it was liable to create sensation and scandal

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in the newspapers; and that women could not be so treated as to turn them out on the street when in need of hospital treatment.

As a matter of fact the class of patients among whom we have had insubordination are nothing more than hoodlums, bawds, and toughs generally, who are in the habit of making capital out of their disabilities among those who were gullible and did not know them. The demoralization wrought by pampering, for it is nothing else, can only be appreciated by those who have to handle this class. It is little enough to ask respect and obedience to established law, when everything else for their benefit is freely given, and it is mere twaddle to argue the question on any of the reasons advanced for their return. The very fact of their not being accustomed to obey should demand an enforced obedience.

There will be no sensations or scandals when it is distinctly understood that under no circumstance will they be tolerated or allowed to remain in the hospital unless they show the proper respect and obedience.

The public press is perfectly fair in criticism when they are in possession of the facts. A hoodlum is entitled to receive the discipline necessary for a hoodlum and none other. If they refuse, then let them receive the penalty for their misdeeds and not call upon the institution to do it for them. Our work is sufficiently trying without this harassment. The welfare of those who desire and do show the proper spirit demand their removal. The welfare of the institution should stand supreme, its majesty showed the proper respect.

THE ABUSES OF THE FEMALE HOSPITAL CHARITY AND THE REMEDY.

In this connection I wish to call attention to matters which I have had full opportunity to appreciate by experience.

First, to the abuse practiced by the prostitute class and the dangers it entails.

When a patient of this class is admitted suffering from a venereal disease it is the general rule for them to ask to leave before they are well. Just as soon as real benefit becomes manifest, just so soon are they seized with a desire to get out. They go, in a short while they return worse than before. The work accomplished has been lost and the same but more extensive ground must be gone over. Again they go, back they come, the old story over again, whereas if they had been kept for a few days or weeks they would have entirely recovered. Their going was not a matter of necessity, but a mere whim. They recognize the fact that they can get back only for the asking. Outside of this, in their deceased condition lies the danger of spreading the evil indefinitely

I do not believe that this was the idea of the transfer of this institution to the city for the use of this class of patients.

In the Digest of Laws we find the following concerning the Social Evil Hospitals. After stating how it should be supported, how and for what purposes it should be held, and appropriation should be made for its support, we find, section 5; "Hereafter every physician in the City of St. Louis treating any person having the reputation of being a prostitute or whom he has reason to suspect of so being, for any venereal disease shall immediately certify the fact with the name and residence

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of the patient to the Board of Police Commissioners, and the Vice-President of said board shall at the discretion of said Board thereupon issue his warrant for the confinement of such person in the aforesaid hospital for treatment during the term of such sickness, unless sooner discharged by competent authority."

It would seem that the State while repealing the old Social Evil Law was fully cognizant of the necessity of affording some means of protecting the community from this class, provided the officers of the community so desired. Hence the wise *mandatory provision* regarding physicians and the discretionary police power.

This meets simply the physical danger of the Social Evil and is the one with which we have to do as Superintendent of the Female Hospital. The abuse of the charity, if this law was enforced would cease, for then this class could be legally compelled to remain in the hospital until well. The most feasible plan would be for the Dispensary Physician to certify daily the facts to the Hon. Police Board and the warrants forwarded to the hospital. To a great extent this abuse of this charity exists among the other class of patients who are provided for. I have only too often been called upon to see the labor and work of many days go for naught, simply because the patient left the hospital before she was well and for no other reason than a mere whim. Again relatives and friends visit a patient, ask her to go out, are indignant that she should be in such a place, take her away, solemnly binding themselves not again to ask the city to provide for her, and take her out against advice, etc., and in a week the patient would return. Now, sir, I do not believe that such trifling should be tolerated, it is an abuse and as such should stop. The principle should be laid down, that when a person once accepts aid from this charity that she should stay until well; if taken out by friends or relatives the contract they make with the city of not again sending them back should be enforced. This will not entail any more expense, but is a step toward long-sighted economy, and the people who accept aid from this charity will learn to appreciate as well as respect it.

THE POSITION OF THE FEMALE HOSPITAL CHARITY OF ST. LOUIS AND ITS WORK.

This institution is a practical realization of one those grand impulses, which seize the human mind to meet a necessity, and become an established fact before a full and rational conception of the work demanded is appreciated, originally an outgrowth of one of the worst moral insults ever sprung upon a community, it was needed as a jail, hospital and reformatory institution combined. After the repeal of this law it was transferred to the city of St. Louis to be maintained for the free use of its original occupants, with the privilege of sending any other woman sick that said city might receive. Herein was the first step towards a system that is a stain on the fair name of any city. Shortly after it was by ordinance made into a general hospital for any and every sick woman the city should be called upon to care for. And hereby was ordained the execution of the unwise privilege given the city by the State. It is the social and moral feature of this system that I wish to call attention to. The system necessitates a more or less contact of the social evil with the worthy poor.

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Under the present arrangement a classification is made by placing all those known as prostitutes on the fourth floor and giving up the rest of the institution to those who do not belong to this class.

As a matter of fact many women get into the latter part of the hospital who do not belong there and when detected are not tolerated. While a separation, as far as quarters are concerned is made, it is impossible with the conveniences that we have to make this separation much else than a name. This opens the door for sowing the seed of prostitution, for the arts of the procuress, and simply proves a school that fills the ranks of the prostitute. It is not right that this contact should be allowed, there should be such provision made, that the vicious class would be absolutely separated from those who are not, the good and worthy should not have thrown in their face this public ulcer, any more than necessary and this necessity does not exist, except from the standpoint of *economy*.

The provision made for the vicious should be separate wards and buildings placed under police regulations. It is a public ulcer and as such should be dealt with. Another matter which comes within the scope of this charity is the question of "child saving" and foundlings. It is simply astonishing to observe the attempts that have been made to secure infants from this place for the purpose of baby farming. A year or two ago an organized attempt was made on the hospital and they succeeded in getting one child before the scheme was detected. Outside of this, people of good motives and reputation, of all kinds and conditions, are constantly making calls for infants for adoption, the demand is greater than the supply.

We frequently see in the newspapers accounts of child abandonment and infanticide and in those detected are many who go from this institution. I have recalled several to mind when the account was read who while here could and would not assent to adopt the baby, but when out, facing the rebuff and coldness of a busy world, became desperate and left the child thinking its innocence and helplessness would find it shelter and home when discovered. It was a stern necessity for existence for both that prompted the crime, not heartlessness. To those who have never been in this strait, I say ye know not what the motive and cannot judge. To those who have seen and handled the subject it is the only chance they have almost, and the motive is the first law of nature.

I am of the opinion that this could all be overcome, grant good results, and the fair fame of this great city be embellished by another noble charity. Our Paris friends have solved the problem and demonstrated that the plan adopted is feasible from a moral standpoint, and have put a stop to the fearful crimes of infanticide and child abandonment.

For our purpose only the privilege is necessary to extend to this worthy class of women the aid they need in finding shelter and homes for their children. When they go out with their infants and find that they cannot succeed, let them know and feel that the Foundling Department of the Female Hospital stands ready to receive it and place it in a good Christian home, with this one restriction, the mother must relinquish all claim and knowledge of her child. The destination or disposal must only be known and of record for the municipality. This is the plan for the foundlings which the city is called upon to care for. It is a fearful responsibility to place on a man, but that it is perfectly

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practicable and the best way, I have no doubt. It has had a practical trial in this city, with the best results, during the last year, but did not live long for want of funds.

With these facts before us we can see the Female Hospital charity must be something else than a hospital, in the restricted sense, to meet the needs of the classes it must care for.

It first of all should be the modern hospital. It should be "The Maternitas." It must deal with the social evil. It should care for the foundlings, receive and place them in honest, pure and Christian homes. A Reformatory or House of Industy it should not be, for the reason its mission must be to those who are physically diseased and helpless. Reformatories and Houses of Industry are for those in good health and need moral training, abundance of work and competent remuneration.

In closing I desire to say, that in the foregoing I have endeavored to present the Institution of to-day, its works, its defects and need so that there can be no excuse in the future for any one who enters the plea of ignorance to excuse inattention.

The above report is the result of personal observation and experience, and are matters of knowledge and belief based on these.

I desire to extend thanks to the ladies of the Flower and Institutional Missions for their faithful visits to us and for their gifts. To Mrs. Watts, who in and out of season has been a weekly visitor, bringing gifts of delicacies and papers, speaking words of good will and Christian instruction to all, I can only extend my sincere thanks and say that through her efforts seven different Christian weekly papers are sent us for distribution. I know that the reward in store for those who labor for the Master is hers.

To the editors of the *Sunday Sayings* I must return thanks for the two hundred papers furnished the institution weekly for use of the patients. They have been appreciated.

To the Franciscan friars I can only again thank and commend the faithful and devoted attendance they have given. To my clerk, Mr. Ruth, is due thanks for faithful service. To my assistants, Drs. Cole, Pritchett, Fults, Eversole and Lewis, I can only acknowledge courtesy, ready, faithful and competent service in the professional work of the year.

To Mr. Massot, druggist, and the employees one and all, I acknowledge duty well done.

To you, sir, and through you to his Honor, Mayor Francis, and the Honorable the Board of Health, I desire to express my appreciation for all assistance and courtesies received.

Respectfully submitted,
GEO. F. HULBERT, M. D.,
Superintendent Female Hospital.

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TABLE No. 1.

SHOWING DISEASES ADMITTED, TREATED, DISCHARGED OR DIED DURING THE YEAR ENDING APRIL 1st 1887.

DISEASES.	Remaining in Hospital April 1st, 1886.	Admitted.	Treated.	Recovered.	Relieved.	Not Relieved.	Died.	Remaining in Hospital April 1st, 1887.
Abscess of buttocks		1	1					1
" of liver		1	1		1			
" " leg		2	2	2				
" " breast	2	6	8	8				
" " vulva		1	1	1				
" " finger		1	1		1			
" " hand		1	1	1				
" " neck	1	2	3	2				1
" " pelvic	1		1	1				
" " cerebral		1	1				1	
Aneurism of internal carotid with rupture	1		1				1	
Arthritis	7		7	1	6			
" of wrist		1	1	1				
" " knee		2	2	1	1			
" " ankle, chronic		2	2		1	1		
" pseudo		1	1	1				
Abortion		9	9	9				
Adenitis of groin		1	1	1				
Anchylosis of knee		2	2		1			1
Anæmia		1	1		1			
Adenitis of neck		2	2	1	1			
" " " chronic		1	1			1		
Asthma		2	2		2			
Alcoholism	7	50	57	49			1	7
" chronic		2	2	1		1		
Ascites		1	1	1				
Amenorrhœa		3	3	2				1
Bronchitis		8	8	7				1
" acute	4		4	3	1			
" chronic	2	23	25		16	2	3	4
Buboes	1	24	25	17	5			3
Brights disease of kidneys	5	7	12		2	1	8	1
Bed sore		1	1		1			
Burns of foot		1	1			1		
" " hand		1	1	1				
" " arm		1	1	1				
Blister of heel		1	1	1				
Carcinoma mammay		3	3	1	1		1	
" " scirrhus		1	1					1
" uteri	2	5	7		1	3	3	
" vagina		1	1			1		
Crank		6	6		1	5		
Cataract		3	3	1		2		
" of both eyes		1	1					1
Caries of femur	1		1		1			
Catarrh acute		1	1	1				
" duodinal		1	1		1			
Caries of vertebræ cervical		1	1		1			
" " os inominata		1	1				1	
Cellulitis pelvic, acute		3	3	3			1	
" " chronic	23	24	47	30	11			6
Cellullitis of leg	1	2	3	3				
" hand		1	1		1			
" phlegmonous		1	1				1	
Cirrhosis of liver	1	1	2				1	1
Chlorosis		3	3		2			1
Chorea	2	1	3	1	1			1
Chancroids	9	62	71	54	14			3
Condylomda		3	3	2	1			
Constipation		80	80	80				
Climateric		3	3		3	3		
Contusion	2		2	1	1			
" of body		2	2	2				
" of shoulder		4	4	3				1
" of face		5	5	4				1
" of scalp		5	5	4				1
" of toe		1	1	1				

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TABLE No. 1. — *Continued.*

DISEASES.	Remaining in Hospital April 1st, 1886.	Admitted.	Treated.	Recovered.	Relieved.	Not Relieved.	Died.	Remaining in Hospital April 1st, 1886.
Contusion of leg	.....	3	3	3	.....	.....	.....	.....
" of tongue	.....	1	1	1	.....	.....	.....	.....
" of knee	.....	2	2	2	.....	.....	.....	.....
Conjuctivitis	1	1	1	1	.....	.....	.....	.....
Convulsions	.....	5	5	2	.....	.....	3	.....
Conjuctivitis chronic	.....	1	1	.....	1	.....	.....	.....
" sub acute	1	.....	1	.....	1	.....	.....	.....
Cerebral Hyperæmia	.....	1	1	.....	1	.....	.....	.....
Debility	.....	2	2	1	.....	.....	.....	1
" general	4	5	9	3	6	.....	.....	.....
" senile	3	12	15	.....	10	3	2	.....
Dementia	.....	5	5	.....	3	1	.....	1
" with delusions	.....	1	1	.....	.....	.....	.....	1
" epileptic	.....	1	1	.....	.....	1	.....	.....
Diarrhœa	3	11	14	14	.....	.....	.....	.....
" chronic	.....	2	2	.....	2	.....	.....	.....
Dislocation, head of radius	1	.....	1	.....	.....	1	.....	.....
" of shoulder	1	.....	1	1	.....	.....	.....	.....
Dysuria	1	5	6	4	2	.....	.....	.....
Dysmenorrhœa	2	5	7	.....	2	1	.....	4
Dyspepsia	.....	1	1	.....	1	.....	.....	.....
Dysentery, acute	.....	3	3	2	.....	.....	1	.....
" chronic	1	.....	1	.....	1	.....	.....	.....
Diphtheria	.....	1	1	1	.....	.....	.....	.....
Drop Wrist	.....	1	1	1	.....	.....	.....	.....
Eczema	2	..	2	1	1	.....	.....	.....
" of leg	.....	1	1	.....	1	.....	.....	.....
Ectropion	1	.....	1	.....	1	.....	.....	.....
Epilepsy	2	13	15	.....	10	3	.....	2
" hystero	2	.....	2	.....	.....	2	.....	.....
Endocervicitis	.....	3	3	3	.....	.....	.....	.....
Endometritis	.....	1	1	1	.....	.....	.....	.....
" chronic	2	5	7	1	3	.....	.....	3
Enteritis	.....	2	2	.....	.....	.....	2	.....
Entro Colitis	.....	1	1	.....	.....	.....	1	.....
Erysipelas	.....	8	8	4	.....	.....	.....	4
" facial	.....	2	2	2	.....	.....	.....	.....
Epitheleema	.....	2	2	2	.....	.....	.....	.....
Excision of hip	.....	1	1	.....	.....	.....	.....	1
" of elbow	.....	1	1	1	.....	.....	.....	.....
Erosion Cenix	... ..	1	1	1	.....	.....	.....	.....
Fracture of rib	.....	1	1	1	.....	.....	.....	.....
" neck of femur	2	.....	2	1	1	.....	.....	.....
" of femur ununited	.....	1	1	.....	.....	.....	.....	1
" of hip, old	.....	8	8	.... .	4	3	.....	1
" of fibula	.....	1	1	1	.....	.....	.....	.....
" of radius	1	5	6	6	.....	.....	.....	.....
" of humerus	1	.....	1	1	.....	.....	.....	.....
" of ulma	1	2	3	3	.....	.....	.....	.....
" of tibia	.....	1	1	1	.....	.....	.....	.....
Fever, intermittent	4	153	157	141	4	.....	2	10
" remittent	1	4	5	4	.....	.....	1	.....
" typhoid-malarial	2	1	3	1	.....	.... .	2	... ..
" typhoid	1	1	2	.....	.....	.....	2	.....
Fibroid Uteri	1	.....	1	.....	1	.....	.....	.....
Fistula in ano	.....	2	2	1	.....	1	.....	.....
Frost bit feet	.....	2	2	2	.....	.....	.....	.....
Fatty degeneration of heart	.....	1	1	.....	.....	.....	1	.....
Gonorrhœa	.....	7	7	5	2	.....	.....	.....
Gastro Enteric Catarrh	.....	2	2	1	.....	.....	1	.....
Gastritis, complicating pregnancy	.....	1	1	.....	.....	.....	1	.....
Hemiplegia	2	5	7	.....	6	.....	.....	1
" with aphasia	.....	1	1	.....	.....	.....	.....	1
Herpes labiales	1	.....	1	1	.....	.....	.....	.....
Hemorrhoids	.....	1	1	.....	1	.....	.....	.....
Hydro Salpinx	1	1	2	.....	2	.....	.....	.....
Hypochondriasis	1	6	7	1	.....	6	.....	.....
Hysteria	2	6	8	4	3	.....	.....	1
Haematocele	.....	1	1	1	.....	.....	.....	.....
Inanition	.....	3	3	.....	.....	.....	.....	3
Indigestion	.....	1	1	1	.....	.....	.....	.....

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TABLE No. 1. — *Continued.*

DISEASES.	Remaining in Hospital April 1st, 1886.	Admitted.	Treated.	Recovered.	Relieved.	Not Relieved.	Died.	Remaining in Hospital April 1st, 1887.
Impaction of feces	.....	1	1	1	.....	.....	.....	.....
Inflamed bunion	.....	1	1	1	.....	.....	.....	.....
Insanity	.....	3	3	.....	.....	1	.....	2
Insanity puerperal	.....	1	1	.....	.....	1	.....	.....
Keratitis	.....	1	1	1	.....	.....	.....	.....
Laceration of perineum	2	7	9	7	.....	.....	.....	2
Laryngitis sub-acute	.....	1	1	.....	1	.....	.....	.....
Laryngitis chronic	.....	2	2	.....	2	.....	.....	.....
Lumbago	.....	1	1	1	.....	.....	.....	.....
Leucocythemia	.....	1	1	.....	.....	.....	1	.....
Leucoderma	.....	2	2	.....	.....	2	.....	.....
Malingerer	1	9	10	1	.....	9	.....	.....
Marasmus	.....	.....	.....	.....	.....	.....	6	.....
Melancholia	.....	4	4	1	1	2	.....	.....
Meningitis	1	.....	1	.....	1	.....	.....	.....
Menorrhagia	.....	4	4	.....	2	.....	.....	2
Metritis chronic	13	.....	13	3	9	1	.....	.....
Metritis puerperal	1	.....	1	.....	1	.....	.....	.....
Morbus coxanies	2	5	7	.....	1	1	.....	5
Morbus coxanies double	.....	1	1	.....	.....	.....	.....	1
Neuralgia facial	.....	1	1	1	.....	.....	.....	.....
Neurasthania	.....	4	4	.....	1	.....	.....	3
Nihil	.....	117	117	.....	.....	106	.....	11
Otitis Media	1	2	3	1	1	.....	.....	1
Ophthalmia	.....	1	1	.....	.....	.....	.....	1
Ozœna	1	.....	1	1	.....	.....	.....	.....
Ovaritis chronic	.....	6	6	1	5	.....	.....	.....
Papaverism chronic	.....	6	6	2	3	.....	.....	1
Paralysis	3	.....	3	.....	2	1	.....	.....
Paralysis agitans	.....	1	1	.....	1	.....	.....	.....
Paresis	1	.....	1	.....	.....	1	.....	.....
Paraphlegia	1	1	2	.....	1	.....	.....	1
Pharyngitis	.....	2	2	2	.....	.....	.....	.....
Peritonitis pelvic chronic	4	19	23	9	10	.....	.....	4
Peritonitis pelvic acute	.....	1	1	1	.....	.....	.....	.....
Pneumonia double	.....	1	1	1	.....	.....	.....	.....
Pneumonia	5	8	13	9	.....	.....	3	1
Pneumonia chronic	.....	1	1	.....	1	.....	.....	.....
Phemosis	1	.....	1	.....	.....	1	.....	.....
Phthisis pulmonalis	17	59	76	.....	27	5	27	17
Phthisis incipient	.....	3	3	.....	3	.....	.....	.....
Pott's disease of spine	.....	2	2	.....	.....	.....	.....	2
Procedentia	1	.....	1	.....	1	.....	.....	.....
Pleurisy	.....	1	1	1	.....	.....	.....	.....
Puerperal convalescence	.....	10	10	9	1	.....	.....	.....
Puerperal septicæmia	1	.....	1	1	.....	.....	.....	.....
Ptyalism	1	.....	1	1	.....	.....	.....	.....
Pyo sæpinx	1	3	4	1	3	.....	.....	.....
Pregnancy	.....	.....	.....	.....	.....	.....	.....	.....
Pregnancy primipara	42	235	277	193	.....	47	4	33
Pregnancy multipara	15	93	108	81	.....	17	1	9
Peri metritis	.....	9	9	7	2	.....	.....	.....
Pyæma	.....	1	1	.....	.....	.....	1	.....
Prolapsis recti	.....	1	1	1	.....	.....	.....	.....
Poisoning rhus. toxichodudrum	.....	1	1	1	.....	.....	.....	.....
Poisoning arsenic	.....	2	2	1	1	.....	.....	.....
Pneumonia of erysipelas	.....	1	1	.....	.....	.....	1	.....
Pertussis	.....	2	2	2	.....	.....	.....	.....
Rheumatism acute	.....	9	9	8	.....	.....	.....	1
" sub acute	3	18	21	19	1	.....	.....	1
" chronic	6	20	26	.....	20	.....	.....	6
Rupture of internal ligament of knee	.....	1	1	1	.....	.....	.....	.....
Scabies	1	2	3	3	.....	.....	.....	.....
Scarlatina	.....	7	7	4	.....	.....	1	2
Sprain of wrist	.....	1	1	1	.....	.....	.....	.....
" ankle	.....	4	4	4	.....	.....	.....	.....
Salpingitis	.....	4	4	2	2	.....	.....	.....
Scerbutus	.....	2	2	.....	.....	.....	2	.....
Septicæmia	.....	1	1	.....	.....	.....	.....	1
" following phlegmonous bubo	.....	1	1	.....	.....	.....	1	.....

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TABLE No. 1. — *Continued.*

DISEASES.	Remaining in Hospital April 1st, 1866.	Admitted.	Treated.	Recovered.	Relieved.	Not Relieved.	Died.	Remaining in Hospital April 1st, 1867.
Septicæmia following laparotomy		1	1				1	
Senility		3	3			2		1
Sinuses mons veneris		1	1		1			
Spine concussion		2	2	2				
Sclerosis spinal, hyper-metrophic	1	1	2		1			1
"		1	1	1				
" post spinal		1	1		1			
Stricture of rectum	2	1	3		2			1
Syphilis primary		3	3	1	2			
" secondary	4	11	15		14	1		
" congenital	4	9	13		8		2	3
" tertiary	49	284	333		283	3	18	49
Tired		1	1	1				
Tænia tonsurans		1	1					1
Tonsilitis		3	3	3				
Toxæmia malarial	1	1	2	1	1			
Tuberculosis		3	3				2	1
Ulcer of leg	9	24	33	14	15	1		3
" foot		1	1	1				
" venalis		1	1					1
" leg with gangrene		1	1				1	
Unknown		3	3			3		
Urine retention of		1	1	1				
Uterus laceration of cervix	14	37	51	35	4	8		4
" hyperplasia of		7	7	2	2			3
" prolapsus		3	3	1	1	1		
" hyper involution								
" retroversion	1	12	13	4	6	1		2
" latero version		1	1					1
" anteversion								
" subinvolution		7	7	4	2			1
" anteflexion		2	2					2
Urticari		1	1	1				
Uterine		1	1					1
Vaginitis		2	2	2				
Val. disease of heart, mitral	5	15	20		10	2	7	1
Varicella	1	3	4	3	1			
Venereal warts		2	2	2				
Whitlow		1	1	1				
Wounds incised of arm		1	1	1				
" " lip		1	1	1				
" " abdomen		1	1	1				
" punctured of shoulder		1	1	1				
" " arm		1	1	1				
" " knee		1	1	1				

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TABLE No. 2.

SHOWING NUMBER OF PATIENTS ADMITTED EACH MONTH.

	White.	Col.	Total.
April	126	29	155
May	109	14	123
June	117	24	141
July	134	24	158
August	138	29	167
September	112	18	130
October	123	13	136
November	95	6	101
December	109	17	126
January	133	20	153
February	104	18	122
March	110	22	132
	1,410	234	1,644

TABLE No 3.

SHOWING NATIVITIES OF PATIENTS ADMITTED.

United States	777
St. Louis	351
Ireland	272
Germany	134
England	45
Canada	19
Italy	2
France	4
Scotland	11
Sweden	5
Switzerland	7
Bohemia	6
Nova Scotia	2
Wales	1
Prussia	2
Spain	1
South America	1
Austria	1
Unknown	3
Total	1,644

TABLE No. 4.

SHOWING AGES OF PATIENTS ADMITTED.

	White.	Col.	Total.
Under 1 year	46	8	54
From 1 to 5 years	70	9	79
" " " 10 "	23	9	32
" 10 " 20 "	214	68	282
" 20 " 30 "	464	78	542
" 30 " 40 "	215	20	235
" 40 " 50 "	203	19	222
" 50 " 60 "	107	8	115
" 60 " 70 "	46	10	56
" 70 " 80 "	16		16
" 80 " 90 "	4	2	6
Unknown	2	3	5
Total	1,410	234	1,644

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TABLE NO. 5.

SHOWING SOCIAL CONDITION OF MOTHERS.

Married	94
Single	156
Widows	28
	278

TABLE NO. 6.

SHOWING OCCUPATION OF PATIENTS ADMITTED.

Servants	814	Clerks	1
Housewives	195	Washerwomen	6
Prostitutes	200	Governess	1
Cooks	42	Copyist	1
Laundresses	76	Schoolboy	1
Seamstresses	40	Telegraph Operator	1
Nihil	216	Tobacco Stemmers	4
Dressmakers	1	Artist	1
Nurses	8	Shop Girl	1
Match Girl	1	Market Woman	1
Housekeepers	6	Peddlers	3
Canvassers	3	Saleswoman	1
Teachers	3	Unknown	11
Hair Dresser	1		
Factory Girls	1	Total	1,644
Beggars	1		
Chambermaids	3		

TABLE NO 7.

SHOWING NUMBER OF BIRTHS, ETC., DURING THE YEAR.

	White.	Colored.	Total.
Number of births	240	40	280
Cases of twins	2		2
Still births	4	2	6

TABLE NO. 8.

SHOWING POSITION OF CHILD AT BIRTH.

Occiput, left anterior	199
" right "	62
" left posterior	5
" right "	4
Breech, left anterior	2
" right "	1
Vertex	1
Face	1
Not recorded	3
Total	278

TABLE NO. 9.

SHOWING SEX AND COLOR OF INFANTS BORN.

White males	112
White females	128
Colored males	21
Colored females	19
Total	280

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TABLE NO. 10.

SHOWING AGES OF MOTHERS.

From 15 to 20 years	98
" 20 to 25 "	119
" 25 to 30 "	34
" 30 to 40 "	22
" 40 to 45 "	4
Unknown	1
Total	278

TABLE NO. 11.

SHOWING SOCIAL CONDITION OF PATIENTS ADMITTED.

Single	727
Widows	460
Married	455
Unknown	2
Total	1644

TABLE NO. 12.

SHOWING NATIVITY OF MOTHERS.

United States	184
Germany	44
England	4
St. Louis	23
Ireland	13
Sweden	2
Bohemia	1
Canada	2
Scotland	1
France	1
Italy	1
Switzerland	1
Unknown	1
Total	278

TABLE NO. 13.

SHOWING OCCUPATION OF MOTHERS.

Servants	196
Housewives	45
Seamstresses	4
Laundresses	9
Cooks	4
Nurses	1
Prostitutes	6
Teachers	2
Chambermaid	1
Saleswoman	1
Nihil	6
Tobacco stemmers	2
Factory girl	1
Total	278

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TABLE NO. 14.

SHOWING THE DISEASES OF WHICH INFANTS BORN IN THE HOSPITAL HAVE DIED.

Still born	6
Marasmus	4
Cyanosis	3
Premature birth	10
Congenital debility	4
Congestion of lungs	1
Entero Colitis	2
Hereditary Syphilis	4
Convulsions	1
Facial Erysipelas	1
Arthenia due to Dentition	1
Marasmus Tubercular	1
Alectectates Pulm	1
Capillary Bronchitis	1
Total	40

TABLE NO. 16.

SHOWING THE COST OF MAINTAINING ONE PATIENT ONE DAY, ETC.

Daily average number of patients	227
Daily average number of employees	49
Cost of maintaining one patient one day	.58.91
Cost of feeding one person, including officers and employees	.17.83

TABLE NO. 17.

STATEMENT OF FEMALE HOSPITAL IMPROVEMENT FUND.

By Appropriation Ordinance 13,817		$5,445 00
To bill of Gottlieb Witler for tearing down smoke stack	$400 00	
To bill of Gottlieb Witler for tearing down N. E. Wing	350 00	
To bill of Geo. W. Farnum, reconstructing N. E. Wing	4,026 90	4,776 90
Balance of appropriation unexpended		$ 668 10

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ANNUAL REPORT

OF THE

Superintendent of the St. Louis Insane Asylum.

St. Louis, Mo., April 1, 1887.

Jno. D. Stevenson, Esq., Health Commissioner :

Sir — I submit this, the eighteenth annual report of the St. Louis Insane Asylum. At the beginning of the fiscal year there were present in the institution 500 patients; 187 males and 313 females, since then 214 have been admitted; 108 males and 106 females. The whole number present was 714. The daily average was 518. Sixty-four (64) have been discharged recovered; 38 males and 26 females. Thirty-two (32) have been discharged improved; 11 males and 21 females. Twelve (12) have been discharged not improved; 6 males and 6 females. Thirty (30) have died; 16 males and 14 females. Forty-five (45) were transferred to the insane department of the Poor House; 24 males and 21 females. Fifteen (15) were discharged not insane; 10 males and 5 females. The number remaining in the asylum is 516; 190 males and 326 females. The percentage of deaths on the whole number treated was 4.2. The percentage of recoveries on the whole number treated was 9. The percentage of recoveries on patients admitted during the year was 17.7.

I cally our especial attention to the low cost of maintenance ($156.62), which compares favorably with any asylum in the country; and, in this connection, it should be remembered that the city receives from paying and county patients over $3,600, and that this institution is charged with the cost of pumping water to the Female Hospital and Poor House ($1665.43), so that the actual cost to the city of maintaining a patient here was $146.49. Appended will be found tables showing fully the operations of the asylum for the past year, and also from its opening.

It is necessary, in making this report, to include an account of affairs appertaining to the management during the entire fiscal year. As I did not assume charge of the asylum till July 20, it follows that statement of matters occurring under the superintendency of Dr. Chas. W. Stevens and transpiring between April 1, 1886, and the date of my incumbency are herewith incorporated.

Attention is called to the death rate, which is lower than that of any similar institution. Fortunately we have escaped the ravages of contagious and epidemic maladies. Erysipelas, however, made its appearance, but the cases were limited to two individuals, both of whom promptly recovered. Notwithstanding the great number of suicidal and homi-

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cidal maniacs, it is satisfactory to report that but one death from accident has occurred.

Considered in relation to the whole number of patients treated, the percentage of recoveries exhibits a marked increase over that of previous years; while, with reference to those admitted during the twelve months, even this large percentage is nearly doubled and affords assurance that, with the disadvantages dependent upon excessive overcrowding and the steady aggregation of incurables, we have been able to largely increase the number of those who have escaped the hopelessness of chronicity in insanity, and have returned to the enjoyments and duties of healthful life.

Never before in the history of the institution has the cost of maintenance, per capita, attained to so low a figure. Careful comparison with the reports under this head from other asylums (See Table No. 30) proves conclusively that in no instance, conditions being alike in point of numbers, etc., have we been excelled in this particular. If this result had been obtained by a niggardly economy; if the inmates had been subjected to deprivation in any regard, the diminished cost of maintenance would justly reflect discredit upon the management; but, in view of the fact that they have been amply provided with everything necessary to render their condition comfortable, it is evident that the gratifying result has been attained by a careful disbursement of the sums appropriated for our use by the municipal government.

Heretofore in each annual report since 1871 attention has been called to the necessity of increasing the capacity of the asylum. The reasons for this demand continue to operate with increased force, and it becomes an imperative duty to second the efforts of my predecessors in this regard. Originally constructed for the accommodation of 250 patients, the rapid growth of the city in population, and the disproportionate increase of insanity, long since resulted in overcrowding. At present the numerical strength of our population is more than double that for which provision was made. Fortunately, in close proximity to the institution there has been erected a commodious building for the city poor, which, from time to time, by receiving relays of incurable insane from our packed halls, has afforded some relief. In that institution there are at present 416 patients, all of whom legitimately belong at this asylum, inasmuch as it alone of the public institutions was designed for the use and treatment of the insane. It is an imposition to convert a home for the worthy poor into a receptacle for the insane; nor can the latter obtain that care and attention which their peculiar condition demands, unless housed and treated separate and apart from others not similarly affected. Nevertheless, whether located here, or, at present, in the Poor house, the city has under its control 932 insane persons, of whom it may be safely said that 907 are incurable. Taking into consideration the present and prospective growth of the city, and recognizing the universally understood fact that insanity is increasing largely out of proportion to increase of population, and it becomes evident that, either our municipal authorities will be compelled to relinquish the responsibility of caring for the insane, or else, at once to make suitable provision, not only for those who are now the recipients of the city's bounty, but the steadily increasing number who, in the near future, will become its wards. If permitted to offer suggestions in con-

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nection with the imperative demands for increased facilities in the reception and treatment of the insane, I would advise that two additional buildings be added to the east and west wings respectively, and that in deciding upon their dimensions the influx of patients for the next twenty years be taken into consideration. If, however, the municipal government should refuse to make the large appropriation requisite for the completion of this plan, it would be possible, by converting the poor house into an asylum annex, to secure relief for a time, though such conversion would necessitate the founding of a new home for the city's poor.

Prior to, and during the recent session of the State Legislature, there existed a hope that a central asylum would be established for the incurable insane, for the purpose of relieving the overburdened State institutions, the county poor houses and this asylum; but, unfortunately, no such action was taken; nor, since the completion of the third State asylum, is there any immediate prospect of relief from intervention by the State.

INFIRMARY.

Amongst the many improvements requisite is a receptacle for the sick, paralytic and injured where, separated from the noise and confusion incident to the halls, they would receive treatment under favorable surroundings. It is evident, that, with such provision, while the comfort of patients would be secured, there would ensue a diminution of the death rate. I therefore request that the humane measure indicated shall be indorsed and an infirmary erected.

INSANITY OF NEGROES.

The new and strange relations into which our negro population has been driven by the acquisition of freedom; the sudden demand upon sluggish and uncultivated brains for vigorous and effective action, while competing with the dominant and cultivated Caucasian in the struggle for existence; the melancholy that comes like a blight with the sense of failure, and the hopelessness of contention; the aspirations for social and political success and recognition, so frequently doomed to disappointment, have borne legitimate fruit in the generating of diseased brains and disordered minds to a degree vastly disproportionate to the numerical relation of the races. The negro with a minimum development of coarse textured cerebral tissue is, necessarily, more imitative than ratiocinative, and, while the way is paved to the development of both functional and organic brain troubles by extraordinary, though abortive, efforts to accomplish the results which easily follow the cerebral action of the better endowed Caucasian, the inherent weakness of the negro prompts him to imitate the vices of the superior race and, in this unfortunate predisposition, he is too often an eminent success. Excessive and persistent dissipation, inordinate animal indulgence and excitement, transitionally abrupt upon lives theretofore spent in the restraints incident to slavery, are the excitant influences crystallizing a predisposition, the outgrowth of humiliation in defeat. Prior to the late civil war, a crazy negro was an unwonted sight, and, in some of the Southern States, scarcely one could be found. Now, the asylums of the South teem with them, and the tendency to insanity in the race is steadily and rapidly increasing. As in the world social equality between the races is recog

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nized as impossible, unattainable and undesirable; so, within an asylum a distinction should be made where a difference exists. From daily observation I am convinced that the negro insane should be maintained separate from the white inmates. The welfare of both races will thus be best promoted, and, therefore, I ask, that as soon as possible exclusive negro wards shall be established.

EPILEPTICS.

Provision should be made in the construction of additional wings, as suggested, for the separate use of epileptics. They should not be permitted to associate with the insane, who are often frightened and, through such untoward influence, retarded in progress toward recovery by the terrorizing convulsions of these unfortunates. The maniacal fury which often follows upon seizure is so intense and the destructive tendency so pronounced that the ordinarily quiet insane become excited and alarmed, while frequently they receive serious injury from epileptic maniacs before restraint can be applied. Besides, the convulsions of this class most frequently occur at night when their room-mates in an overcrowded dormitory are most at their mercy. In many asylums epileptics are not admitted, and in properly regulated institutions which have them in charge, halls are assigned to their exclusive use and additional night attendants are furnished.

THE GROUNDS.

The public buildings of a large and growing city are, and should be, objects of pride and interest. As a rule the environs of asylums are rendered attractive and efforts are continuous for their additional adornment. Here, the so-called "airing courts" are impediments to the view and unsightly objects in an otherwise commanding landscape.

Till the fences which enclose them are removed all efforts to beautify the main approach to this magnificent structure will prove abortive; and, as they but partially subserve the purpose for which they were established, and are, in many respects, objectionable, I recommend that they be discontinued, and that the insane be permitted to exercise freely over the entire property under the surveillance of attendants. The adoption of this suggestion will remove a disagreeable restraint upon both the feelings and movements of our patients, and thus operate as a valuable adjuvant in the treatment of the malady. The only difficulty to be obviated would be the increased opportunity for eloping; and to overcome this, I further recommend that a suitable fence be erected around the grounds, both ornamental and substantial, along Arsenal Street and Brennan Avenue, with only the latter quality elsewhere. As an additional incentive to the indorsement of this plan, I have to notify you of the almost immediate completion of the St. Louis, Oak Hill and Carondelet Railroad, a depot of which will, doubtless, be located within a few yards of one of our entrances. The completion of this road will not only increase the number of people living contiguous to the asylum, but furnish an easy and speedy mode of access for idle, insubordinate and curious visitors from the denser districts of the city, who, with no effectual barrier to their movements, will run riot over the

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grounds and amuse themselves at the expense of and to the detriment of the comfort, happiness and welfare of our inmates; to say nothing of the insufferable annoyance such visitations will inevitably occasion the officers and employees of the institution.

WATER CLOSETS.

During the year the water closets, which, through age and insufficient numbers, had degenerated into horrible nuisances, have been removed and an entire new set introduced, much to the comfort and convenience of patients and attendants.

By this wise procedure a potent cause of disease has been destroyed. To perfect this improvement it is essential that the floors should be relaid in material impervious to liquids and easily cleansed. In this way alone can the absorption of effete matter and the generation of noisome odors be prevented.

LAUNDRY.

Heretofore attention has been called to the crude and primitive methods obtaining in the laundry department, where the washing and ironing for some six hundred individuals is done without the aid of machinery. When the exceedingly filthy condition of the bed clothing, as well as that of many articles of horribly unclean patients is considered, it is evident to cleanse such articles by hand, after obsolete methods, is quite barbarous and should not be exacted of even our female insane help. We are in possession of a steam wringer and it would be both wise and economical to provide the remaining articles of a modern laundry outfit.

PANTRIES.

Never having been refitted, the pantries connected with the dining room of each hall have fallen into dilapidation and should be supplied with new and deeper sinks. The floors from prolonged saturation, have become pervious to liquids and leaking freely, should be relaid in cement or other hard material.

MISCELLANEOUS.

The floors of the different halls, from the constant friction of footsteps of restless patients, continued through years, have become uneven and broken and should be repaired in hardwood.

In many of the halls, dining rooms and center building apartments the plastering of the ceilings and, in some instances, of the walls, has fallen, and the surfacing should be repaired or renewed, both for the sake of safety and appearances.

The floors of the basement and tunnel from constant use since the completion of the building, are decayed and, in places, destroyed. They should be renewed in more durable material.

The brick floor of the kitchen is very objectionable as, when washed, it remains damp and cannot be kept in tidy condition. The surface should be made smooth, hard and unbroken with cement or granitoid. Throughout the building, for adornment and preservation, painting is

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demanded. It would be well to employ a painter by the month and, furnishing the material, continue his service till the whole interior of the institution has been covered.

ACKNOWLEDGMENTS.

I have been the recipient of frequent visits from my immediate predecessor, Dr. Chas. W. Stevens, who manifested an unimpaired interest in the welfare of the institution over which he presided with unvarying success for so many years. Out of the abundance of his experience and expert knowledge he has continually placed me under obligations by his valuable advice and assistance.

To my assistant physicians, Drs. F. W. Lowry and Ernst H. Mueller, I am under profound obligations for the ability they have displayed in the discharge of onerous duties and the friendly spirit with which they have shared and lightened my responsibilities. My acknowledgments are also due to the officers and heads of the different departments for labors faithfully performed, as well as for interest displayed in the success of the management.

Mr. A. J. P. Garesche has continued his contribution of reading matter, thus displaying a truly Christian spirit, which others would do well to imitate.

The attendants and employees generally have been attentive and obliging, and deserve commendation for the manner in which they have performed their duties.

To you, Mr. Commissioner, I am under many obligations for continued acts of kindness, and I take great pleasure in bearing testimony to your constant, unvaried and successful exertions for the best interests of the asylum.

I have the honor to remain very respectfully,

LE GRAND ATWOOD,
Superintendent.

TABLE NO. 1.

Movement of Population.	*Males.*	*Females.*	*Total.*
Number at the beginning of the year	187	313	500
Admitted within the year	108	106	214
Whole number present during the year	295	419	714
Discharged, recovered	38	26	64
Discharged, improved	11	21	32
Discharged, not improved	6	6	12
Died	16	14	30
Transferred to insane department City Poor House	24	21	45
Not insane	10	5	15
Total	105	93	198
Remaining in asylum, March 31, 1887	190	326	516
Average daily number present	192	326	518

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TABLE NO. 2.

Ages of those admitted within the year.	*Males.*	*Females.*	*Total.*
Less than 10 years		1	1
Between 10 and 20 years	6	3	9
Between 20 and 30 years	35	23	58
Between 30 and 40 years	25	30	55
Between 40 and 50 years	18	26	44
Between 50 and 60 years	19	13	32
Between 60 and 70 years	5	7	12
Between 70 and 80 years		2	2
Between 80 and 90 years		1	1
Total	108	106	214

TABLE NO. 3.

Form of insanity of those admitted within the year.	*Males.*	*Females.*	*Total.*
Alcoholism	1		1
Dementia	30	9	39
Dipsomania	1		1
General paralysis of the insane	3		3
Imbecility	2	2	4
Idiocy	1	2	3
Mania, acute	40	55	95
Mania, chronic	6	5	11
Mania, hysterical		1	1
Mania, epileptic	4	4	8
Mania, recurrent	5	6	11
Melancholia	4	15	19
Monomania	1		1
Not insane	10	7	17
Total	108	106	214

TABLE NO. 4.

Supposed causes of insanity in those admitted within the year.	*Males.*	*Females.*	*Total.*
Congenital	1	3	4
Domestic troubles	2	4	6
Epilepsy	7	3	10
Fright	1	2	3
Grand Climacteric		2	2
Grief	2	2	4
Heredity	11	16	27
Intemperance	21	6	27
Injury to head	1	2	3
Lactation		1	1
Malaria		1	1
Masturbation	12		12
Miscarriage		1	1
Nostalgia		1	1
Not insane	10	7	17
Onanism	1		1
Opium habit		1	1
Parturition		6	6
Pecuniary embarrassment	4	3	7
Puerperal state		3	3
Physical labor	1		1
Religious excitement	2	5	7
Remorse		1	1
Senility		2	2
Softening of brain	1		1
Sunstroke	6		6
Sickness	4	1	5
Syphilis	4		4
Uterine derangement		5	5
Unknown	17	28	45
Total	108	106	214

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TABLE NO. 5.

Hereditary influence in direct and collateral branches of those admitted within the year.	*Males.*	*Females.*	*Total.*
Paternal side.			
Grandfather and father	1		1
Father	1	1	2
Uncle	3		3
Aunt	1		1
Maternal side.			
Mother	2	6	8
Uncle	2		2
Cousin	1		1
Uncle and grandfather	1		1
Relatives.			
Mother and grandfather	1		1
Sister	3	1	4
Aunt and brother		1	1
Brother		4	4
Cousin	2	2	4
Mother and uncle	1		1
Uncle	1	1	2
Daughter		1	1
Grandmother, mother and aunt	1		1
Nephew	1		1
Paternal uncle and maternal aunt	1		1
Father, mother and sister	1		1
Two sisters		2	2
Brother and others		1	1
Two brothers		1	1
None	39	47	86
Not ascertained	35	31	66
Not insane	10	7	17
Total	108	106	214

TABLE NO. 6.

Social condition of those admitted within the year.	*Males.*	*Females.*	*Total.*
Single	65	29	94
Married	39	57	96
Widowed	3	18	21
Not ascertained	1	2	3
Total	108	106	214

TABLE NO. 7.

Occupation previous to admission of those admitted within the year.	*Males.*	*Females.*	*Total.*
Bakers	2		2
Blacksmiths	2		2
Basketmakers	2		2
Book-keepers	4		4
Butchers	1		1
Carpenters	2		2
Carvers	1		1
Cattle dealers	1		1
Clerks	4	1	5
Coopers	2		2
Coachmen	1		1
Conductors	1		1
Dentists	1		1
Dressmakers		2	2
Domestic services		77	77
Engineers	2		2

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TABLE No. 7 — Continued.

Farmers	3		3
Grocers	1		1
Harness makers	2		2
Hucksters	2	1	3
Laborers	32		32
Machinists	2		2
Merchants	2		2
Mechanics	2		2
Musicians	1		1
No occupation	14	14	28
Peddlers	1	1	2
Porters	2		2
Prostitutes		2	2
Plumbers	1		1
Physicians		1	1
Railroad men	1		1
Roofers	1		1
Seamstresses		2	2
Shoemakers	2		2
Soldiers	1		1
Tailors	2		2
Teamsters	6		6
Tinners	1		1
Unknown	2	2	4
Watchmakers	1		1
Washerwomen		3	3
Total	108	106	214

TABLE NO. 8.

Nativity of those admitted within the year.	*Males.*	*Females.*	*Total.*
Native —			
Connecticut		2	2
Iowa	1		1
Indiana	1	1	2
Illinois	1	1	2
Kentucky	1	2	3
Louisiana	1	3	4
Maine	1		1
Michigan	1		1
Missouri	42	22	64
New York	4	3	7
Ohio	2	1	3
Pennsylvania	1	1	2
Virginia	1		1
Unknown native	6	4	10
Total native	63	40	103
Foreign—			
Austria	1		1
Canada	2		2
England	1	2	3
France	1		1
Germany	24	30	54
Ireland	13	29	42
Italy	1		1
Sweden		1	1
Switzerland		2	2
Scotland	1	2	3
Total foreign	44	66	110

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SUMMARY.

Native	68	40	108
Foreign	44	66	110
Unknown	1		1
Grand total	108	106	214

TABLE NO. 9.

Duration of insanity before admission of those admitted within the year.	*Males.*	*Females.*	*Total.*
Less than one month	8	12	20
From 1 to 2 months	6	7	13
From 2 to 3 months	6	1	7
From 3 to 6 months	4	7	11
From 6 to 9 months	5	3	8
From 9 to 12 months	3	4	7
From 1 to 2 years	11	11	22
From 2 to 3 years	7	9	16
From 3 to 4 years	7	6	13
From 4 to 5 years	2	1	3
More than 5 years	22	20	42
Congenital	2	2	4
Unknown	15	16	31
Not insane	10	7	17
Total	108	106	214

TABLE NO. 10.

Suicidal and homicidal tendencies of those admitted within the year.	*Males.*	*Females.*	*Total.*
Suicidal	8	11	19
Homicidal	24	16	40
Both	4	15	19
Neither ever manifested	62	57	119
Not insane	10	7	17
Total	108	106	214

TABLE NO. 11.

Form of insanity of those recovered within the year.	*Males.*	*Females.*	*Total.*
Alcoholism	3	1	4
Dementia, primary	7	2	9
Dipsomania	1		1
Mania, acute	16	16	32
Mania, chronic	1	1	2
Mania, epileptic	1	1	2
Mania, recurrent	5	1	6
Melancholia	4	4	8
Total	38	26	64

TABLE NO. 12.

Duration of insanity of those recovered within the year	*Males.*	*Females*	*Total.*
Less than 1 year	20	16	36
From 1 to 2 years	3	5	8
From 2 to 3 years	2	1	3
Not known	13	4	17
Total	38	26	64

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TABLE NO. 13.

Duration of treatment of those recovered within the year.	*Males.*	*Females.*	*Total.*
Less than 1 month	5	2	7
From 1 to 2 months	4	3	7
From 2 to 3 months	5	4	9
From 3 to 6 months	15	11	26
From 6 to 12 months	6	6	12
From 1 to 2 years	2		2
From 2 to 3 years	1		1
Total	38	26	64

TABLE NO. 14.

Causes of death occurring within the year.	*Males.*	*Females.*	*Total.*
Apoplexy	3	5	8
Cancer of the stomach	1		1
Diarrhœa	1		1
Epilepsy	1	2	3
Fever		1	1
Hæmatemesis		1	1
Inanition		1	1
Marasmus	2		2
Paralysis, general, of the insane	3	1	4
Phthisis-pulmonalis	1	2	3
Poisoning, accidental	1		1
Pneumonia	1		1
Pulmonary congestion	1		1
Senility	1	1	2
Total	16	14	30

TABLE NO. 15.

Prospects of recovery of those remaining at the end of the year.	*Males.*	*Females.*	*Total.*
Favorable	8	4	12
Doubtful	4	9	13
Unfavorable	178	313	491
Total	190	326	516

TABLE NO. 16.

Movement of whole population.	*Males.*	*Females.*	*Total.*
Whole number of patients received since the opening of Asylum, April 20, 1869	1,703	1,476	3,179
Discharged, recovered	407	279	686
Discharged, improved	189	174	363
Discharged, not improved	152	162	314
Transferred to insane department City Poor House	462	310	772
Transferred to Female Hospital		3	3
Transferred to City Hospital	1		1
Transferred to State Insane Asylum at Fulton, Mo	9	12	21
Died	199	170	369
Not insane	94	40	134
Total	1,513	1,150	2,663
Remaining March 31, 1887	190	326	516

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TABLE NO. 17.

Ages of 3,179 patients at time of admission.	*Males.*	*Females.*	*Total.*
Less than 10 years	9	13	22
From 10 to 20 years	99	104	203
From 20 to 30 years	480	390	870
From 30 to 40 years	448	377	825
From 40 to 50 years	333	288	621
From 50 to 60 years	154	132	286
From 60 to 70 years	66	67	133
From 70 to 80 years	21	25	46
From 80 to 90 years	5	4	9
From 90 to 100 years		1	1
Unknown	88	75	163
Total	1,703	1,476	3,179

TABLE NO 18.

Form of insanity in 3,179 patients.	*Males.*	*Females.*	*Total.*
Alcoholism	30	12	42
Dementia	251	186	437
Dipsomania	48	10	58
General paralysis of the insane	25		25
Hypochondriasis	5		5
Imbecility	38	45	83
Idiocy	20	22	42
Melancholia	250	305	555
Mania, acute	391	331	722
Mania, chronic	417	378	795
Mania, hysterical	1	26	27
Mania, recurrent	64	48	112
Mania, puerperal		45	45
Mania, epileptic	61	26	87
Methomania	2	1	3
Monomania	5		5
Not insane	95	41	136
Total	1,703	1,476	3,179

TABLE NO. 19.

Supposed causes of insanity in 3,179 patients.	*Males.*	*Females.*	*Total.*
Ambition	1		1
Abortion, criminal		3	3
Anemia	2	2	4
Apoplexy	3		3
Anxiety	21	21	42
Blindness	1		1
Congenital	23	26	49
Constipation	2		2
Catarrh		1	1
Cerebritis	1	1	2
Cerebral hemorrhage		1	1
Convulsions		2	2
Domestic troubles	20	70	90
Epilepsy	100	52	152
Excessive venery	8		8
Excessive novel reading	2		2
Excessive use of tobacco	2		2
Exposure	3		3
Fall	2	2	4
Fever	10	12	22
Grief	33	60	93

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TABLE No. 19 — Continued.

Grand climacteric		37	37
Heredity	117	158	275
Hysteria		4	4
Heart disease	2		2
Inflammation of brain	5	4	9
Intemperance	254	61	315
Injury to head	63	16	79
Intra-cranial tumor		1	1
Jealousy	7	8	15
Lead poisoning	5		5
Lottery speculation	2		2
Lactation		11	11
Meningitis	2	13	15
Masturbation	74	2	76
Mental excitement	7	9	16
Miscarriage		4	4
Measles		1	1
Monastic life	1		1
Multiple cerebral sclerosis		1	1
Malaria	3	2	5
Nostalgia		10	10
Neuralgia	1		1
Not insane	95	41	136
Nervous shock		5	5
Opium habit	1	3	4
Onanism	3		3
Otorrhœa		1	1
Parturition		42	42
Pecuniary embarrassment	61	20	81
Puerperal state		69	69
Physical labor	10	1	11
Paralysis	1		1
Religious excitement	33	29	62
Remorse	1	1	2
Surgical operation	1		1
Small-pox	1		1
Sunstroke	42	4	46
Slander		1	1
Sickness	26	20	46
Senility	12	25	37
Spiritualism		1	1
Syphilis	10	7	17
Struck by lightning	2		2
Softening of brain	1		1
Study	1	1	2
Terror	1	12	13
Unrequited affection	14	32	46
Uterine derangement		53	53
Urinary trouble	1		1
Unknown	607	509	1,116
War excitement	2	2	4
Want		2	2
Total	1,703	1,476	3,179

TABLE NO. 20.

Social condition of 3,179 patients.	*Males.*	*Females.*	*Total.*
Single	870	457	1327
Married	594	686	1280
Widowed	72	219	291
Unknown	167	114	281
Total	1,703	1,476	3,179

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TABLE NO. 21.

Occupation previous to admission of 3,179 patients.	*Males*	*Females.*	*Total.*
Agents	9		9
Apprentices	2		2
Artists	1		1
Architects	1		1
Actors	1	2	3
Auctioneers	1		1
Bakers	22		22
Basketmakers	1		1
Barbers	18		18
Barkeepers	22		22
Blacksmiths	21		21
Brewers	7		7
Bleachers	2		2
Bricklayers	8		8
Book-keepers	18		18
Book-binders		2	2
Bootblacks	4		4
Boiler makers	4		4
Box makers	3		3
Broom makers	3		3
Butchers	18		18
Brush makers	2		2
Cabin boys	2		2
Cabinet makers	6		6
Carpenters	50		50
Carriage makers	1		1
Carriage painters	2		2
Carvers	1		1
Cattle dealers	5		5
Clerks	61	10	71
Clergymen	5		5
Cigar makers	25		25
Civil engineers	3		3
Coachmen	1		1
Cooks	18	15	33
Coopers	28		28
Coppersmiths	1		1
Commercial travelers	2		2
Collectors	3		3
Conductors	3		3
Custom House officers	1		1
Car repairers	1		1
Confectioners	1		1
Dairymen	1		1
Detectives	1		1
Dentists	2		2
Dressmakers		11	11
Domestic services	9	887	896
Druggists	7		7
Errand boys	4		4
Engineers	8		8
Editors	6		6
Factory girls		2	2
Farmers	47		47
Firemen	2		2
Florists	2		2
Gas fitters	1		1
Gardeners	11		11
Glass blowers	2		2
Grinders	1		1
Gilders	1		1

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TABLE No. 21 — Continued.

Grocers	4		4
Glove cutters	2		2
Hair dressers		1	1
Harness makers	7		7
Horse traders	2		2
Hostlers	2		2
Hotel-keepers	2		2
Hucksters	5	1	6
Janitors	3		3
Jewelers	3		3
Knitters		1	1
Laborers	431		431
Lawyers	6		6
Laundrymen	1		1
Locksmiths	2		2
Machinists	13		13
Manufacturers	1		1
Mattress makers	2		2
Merchants	29	1	30
Mechanics	35		35
Midwives		1	1
Milliners		6	6
Millers	5		5
Miners	2		2
Moulders	8		8
Musicians	7	1	8
Newsdealers	1		1
No occupation	95	234	329
Notaries	2		2
Nurses	2	5	7
Painters	34		34
Paper-carriers	1		1
Paper-hangers	1		1
Pattern-makers	2		2
Paviors	1		1
Plasterers	6		6
Peddlers	19	7	26
Pilots	1		1
Printers	10	1	11
Piano-tuners	1		1
Policemen	1		1
Porters	8		8
Pork-packers	1		1
Prostitutes		21	21
Plumbers	5		5
Physicians	5	1	6
Quarrymen	2		2
Quacks	1		1
Rag-pickers	3	1	4
Railroadmen	5		5
Real estate dealers	2		2
Rope-makers	1		1
Roofers	1		1
Sailors	2		2
Saddlers	13		13
Saloon-keepers	1		1
Seamstresses		41	41
Speculators	2		2
Stewards	1		1
Steamboatmen	12		12
Stenographers	1		1
Silverplaters	1		1
Ship-builders	1		1

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TABLE No. 21 — Continued.

Shoe-makers	24		24
Stone-cutters	19		19
Students	3	1	4
Soldiers	7		7
Scouts	1		1
Tailors	37	2	39
Tanners	6		6
Teachers	6	15	21
Teamsters	35		35
Telegraph operators	1	2	3
Tinners	16		16
Tobacconists	6	1	7
Trunk-makers	3		3
Truss-makers	1		1
Undertakers	2		2
Umbrella-makers	1		1
Unknown	201	173	374
Upholsterers	3		3
Veterinary surgeons	1		1
Waiters	4		4
Watch-makers	4		4
Wagon-makers	5		5
Washerwomen		27	27
Weavers	2	1	3
Well-diggers	1		1
Wire-workers	2		2
Whiteners	2		2
Wood and coal dealers	2		2
Total	1,703	1,476	3,179

TABLE NO. 22.

Nativity of 3,179 patients.	*Males.*	*Females.*	*Total.*
Native —			
Alabama	5	2	7
Arkansas	1		1
Connecticut	1	7	8
Delaware		2	2
District of Columbia	3		3
Georgia	2	2	4
Indiana	7	8	15
Indian Territory	2		2
Illinois	28	26	54
Iowa	11	2	13
Kansas		1	1
Kentucky	43	27	70
Louisiana	15	8	23
Maine	6		6
Maryland	8	5	13
Massachusetts	3	3	6
Michigan	4	1	5
Minnesota		2	2
Mississippi	13	9	22
Missouri	329	257	586
New York	45	20	65
New Jersey	9	5	14
North Carolina	5		5
Ohio	22	28	50
Pennsylvania	23	16	39
Rhode Island	1	1	2
South Carolina	3		3
Tennessee	16	5	21

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TABLE No. 22 — Continued.

Texas	2	3	5
Vermont	2	2	4
Virginia	20	12	32
West Virginia	1		1
Wisconsin		1	1
Unknown native	59	49	108
Total native	689	504	1,193
Foreign —			
Asia Minor	1		1
Australia		1	1
Austria	22	13	35
Belgium	2	4	6
Canada	8	9	17
Denmark	3	2	5
England	36	36	72
East Indies		1	1
France	16	13	29
Greece	1		1
Germany	426	362	788
Holland	4	3	7
Hungary		3	3
Italy	10	8	18
Ireland	264	351	615
Mexico	1		1
Netherlands	1		1
Norway		1	1
On Atlantic Ocean		2	2
Poland	5	6	11
Russia	4	4	8
Spain	1		1
St. Helena	1		1
Sweden	14	9	23
Switzerland	27	30	57
Scotland	10	7	17
Wales	6		6
West Indies	1		1
Unknown foreign	122	112	234
Total foreign	986	972	1,958

SUMMARY.

Total native	689	504	1,193
Total foreign	986	972	1,958
Unknown	28		28
Grand total	1,703	1,476	3,179

TABLE NO. 23.

Number of times admitted.	*Males.*	*Females.*	*Total.*
Admitted once	1,191	1,059	2,250
Admitted twice	150	130	280
Admitted three times	36	30	66
Admitted four times	15	9	24
Admitted five times		2	2
Admitted six times	1	2	3
Admitted seven times	2		2
Admitted eight times	3		3
Admitted nine times		1	1
Total individuals treated	1,398	1,233	2,631

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TABLE NO. 24.

Form of insanity of all those recovered.	*Males.*	*Females*	*Total.*
Alcoholism	38	5	43
Dementia	18	10	28
Dipsomania	3		3
Hypochondriasis	1		1
Imbecility	2		2
Mania, acute	186	118	314
Mania, chronic	43	40	83
Mania, epileptic	16	7	23
Mania, hysterical		6	6
Mania, puerperal		16	16
Mania, recurrent	32	23	55
Melancholia	67	53	120
Methomania	1	1	2
Total	407	279	686

TABLE NO. 25.

Duration of insanity of all those recovered.	*Males.*	*Females.*	*Total*
Under 1 year	229	141	370
From 1 to 2 years	39	37	76
From 2 to 3 years	14	8	22
From 3 to 4 years	2	4	6
From 4 to 5 years	2	7	9
Over 5 years	11	12	23
Unknown	110	70	180
Total	407	279	686

TABLE NO. 26.

Duration of treatment of all those recovered.	*Males.*	*Females.*	*Total.*
Less than 1 month	35	11	46
From 1 to 2 months	72	30	102
From 2 to 3 months	49	30	79
From 3 to 6 months	122	97	219
From 6 to 12 months	87	79	166
From 1 to 2 years	28	21	49
From 2 to 3 years	8	6	14
From 3 to 4 years	3		3
From 5 to 6 years	2	2	4
From 6 to 7 years		3	3
From 10 to 11 years	1		1
Total	407	279	686

TABLE NO. 27.

Causes of death from April 23, 1869, to March 31, 1887.	*Males.*	*Females.*	*Total.*
Apoplexy	14	13	27
Asthma		3	3
Asthenia		2	2
Bronchitis	1		1
Congestion of brain	6	4	10
Cancer	4	2	6
Colitis		1	1
Cerebral hemorrhage		1	1
Conium, over dose of	1	3	4
Cerebral sclerosis	1		1
Cerebral tumor		1	1

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TABLE No. 27—Continued.

Cystitis	4	2	6
Dysentery	4	2	6
Diarrhœa	1	1	2
Exhaustion	47	21	68
Endo-enteritis	3	2	5
Erysipelas	3	2	5
Epilepsy	11	6	17
Fever	2	5	7
Fracture of skull	1		1
General debility	2	3	5
Gangrene	5	1	6
Gastro-enteritis		1	1
Hæmatamesis		1	1
Heart disease	14	6	20
Inanition	3	6	9
Inflammation of brain	1		1
Jaundice	1		1
Marasmus	14	18	32
Meningitis	1	4	5
Mollities-cerebri	2		2
Morbus coxarius		1	1
Œdema of brain	2	2	4
Œdema of lungs		1	1
Organic disease of brain	1		1
Phthisis pulmonalis	17	25	42
Pneumonia	3	4	7
Peritonitis	4	2	6
Paralysis, general, of the insane	11	2	13
Purpura hemorrhagica	2		2
Pleuritis		1	1
Pericarditis	1		1
Pleuro-pneumonia		2	2
Pleurisy		1	1
Poisoning, accidental	1		1
Pulmonary congestion	1		1
Suicide	2	2	4
Senility	8	15	23
Softening of brain	3	1	4
Strangulation	1		1
Typho-mania		1	1
Total	199	170	369

TABLE NO. 28.

Form of insanity of all who have died.	*Males.*	*Females.*	*Total.*
Alcoholism	4	1	5
Dementia	47	39	86
General paralysis of the insane	7		7
Imbecility		5	5
Idiocy	1	2	3
Mania, acute	40	27	67
Mania, chronic	49	46	95
Mania, epileptic	20	10	30
Mania, hysterical		1	1
Mania, recurrent	4	1	5
Mania, puerperal		6	6
Monomania	1	1	2
Melancholia	25	31	56
Not ascertained	1		1
Total	199	170	369

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TABLE NO. 29.

YEARLY PER CAPITA COST OF MAINTAINING PATIENTS IN ST. LOUIS ASYLUM FROM 1869 to 1887.

Fiscal year.	*Average of patients.*	*Cost per capita*
1869–70	186	$258 82
1870–71	231	251 31
1871–72	246	258 71
1872–73	295	248 74
1873–74	310	177 84
1874–75	330	171 21
1875–76	325	171 24
1876–77	327	165 04
1877–78	334	176 64
1878–79	328	194 22
1879–80	329	189 70
1880–81	333	215 11
1881–82	354	183 18
1882–83	367	190 30
1883–84	451	165 06
1884–85	443	169 03
1885–86	492	165 00
1886–87	518	156 62

TABLE NO. 30.

Yearly cost per capita of maintaining patients in 80 insane asylums.	*Average of patients.*	*Cost per capita.*
Alabama, Tuscaloosa	555	156 42
Arkansas, Little Rock	245	196 75
California, Napa	1269	149 65
" Stockton	1449	135 69
Connecticut, "Hartford Retreat"	136	520 00
" Middletown	946	177 48
District of Columbia	1173	274 71
Georgia, Milledgeville	1179	135 86
Iowa, Mt. Pleasant	488	190 53
" Independence	633	212 82
Illinois, Anna	576	178 10
" Jacksonville	629	178 78
" Kankakee	514	200 49
" Chicago	437	202 10
" Elgin	525	207 39
Indiana, Indianapolis	1421	175 88
Kansas, Osawatomie	424	234 56
" Topeka	128	274 38
Kentucky, Anchorage	553	220 44
" Hopkinsville	564	151 46
" Lexington	583	224 20
Louisiana, Jackson	597	166 10
Maine, Augusta	506	224 31
Massachusetts, Worcester (chronic)	391	155 48
" " (acute)	765	205 15
" Danvers	705	196 32
" Taunton	659	180 65
" Northampton	476	166 48
" Boston, McLean Asylum	166	849 53
" Boston	212	277 68
Maryland, Catonsville	400	233 97
Michigan, Kalamazoo	782	219 44
" Pontiac	652	214 60
Minnesota, St. Peters	693	199 59
" Rochester	350	178 88
Mississippi, Jackson	428	138 45
Missouri, Fulton	503	235 51

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TABLE No. 30 — Continued.

Missouri, St. Joseph	266	205	28
" St. Louis	518	156	62
Nebraska, Lincoln	172	162	62
New Hampshire, Concord	322	264	20
New Jersey, Trenton	654	229	87
" Morristown	790	257	92
New York, Auburn (criminal)	166	180	99
" Buffalo	365	298	89
" Middletown (Homœopathic)	329	385	94
" Flatbush	820	.....	
" Willard	1835	150	27
" Utica	585	301	58
" Bloomingdale	256	758	33
" Poughkeepsie	350	332	80
North Carolina, Raleigh	254	217	80
" Morganton	182	215	00
" Goldsboro	133	158	61
Ohio, Carthage	712	140	43
" Cleveland	635	168	64
" Athens	628	167	44
" Dayton	607	185	70
" Columbus	950	189	02
" Newburgh	300	224	64
Oregon, Salem	403	158	50
Pennsylvania, Philadelphia	364	479	07
" " (Friends)	104	799	05
" Pittsburgh	522	223	69
" Norristown	1226	198	58
" Warren	642	202	39
" Harrisburg	431	230	57
" Danville	367	204	67
" Dixmont	510	240	83
Rhode Island, Providence	189	430	19
South Carolina, Columbia	630	146	96
Tennessee, Nashville	400	178	06
Texas, Austin	524	251	49
Utah, Provo City	51	462	34
Vermont, Brattleboro	448	198	75
Virginia, Petersburgh (colored)	433	113	69
" Williamsburgh	434	187	92
" Stanton	637	189	98
West Virginia, Weston	631	115	44
Wisconsin, Winnebago	631	166	17
" Milwaukee	528	180	13

TABLE NO 31.

Financial statement for the fiscal year ending March 31, 1887.

Amount of appropriations		$85,850 00
Expenditures —		
Officers and employees	$29,798 28	
Groceries	10,670 26	
Fuel	6,170 73	
Dry goods, clothing, bedding, shoes, etc	4,170 77	
Drugs and hospital supplies	1,005 65	
Meats and fish	11,749 04	
Bread	6,014 00	
Brick and sand	70 00	
Forage	190 34	
Farm and garden	40 70	
House furnishing goods and furniture	2,431 73	
Gas	1,276 05	
Stationery and postage	264 17	

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TABLE No. 31—Continued.

Hardware and tools	15 92	
Repairs and improvements	1,894 35	
Straw	375 16	
Stable	135 05	
Lumber	98 56	
Paints and oils	196 81	
Ice	654 40	
Engineer's supplies	1,162 04	
Milk	2,767 50	
Total expenses of the year	$81,151 51	
Amount taken out of appropriation to pay last year's bills	435 31	
Balance	4,263 18	
	$85,850 00	$85,850 00

TABLE NO. 32.

COST OF KEEPING ONE PATIENT.

For one year	$156 62.1
For one month	13 05.1
For one week	3 00.3
For one day	42.9
Deducting cost of pumping water to Poor House and Female Hospital ($1,665.43)	42.0

TABLE NO. 33.

AVERAGE PER CAPITA COST OF FOOD FOR OFFICERS, EMPLOYEES AND PATIENTS.

For one year	$49 42.5
For one month	4 11.8
For one week	95.0
For one day	13.5

TABLE NO. 34.

PRODUCTS OF THE FARM AND GARDEN.

Beets	187 bushels
Beans	56 bushels
Cabbages	6,724 heads
Cauliflowers	218 heads
Cucumbers	41 dozen
Corn, green	343 dozen
Carrots	16 bushels
Celery	390 head
Egg plant	18 dozen
Hay	10 tons
Kale	85 bushels
Kohlrabi	50 bushels
Lettuce	2,705 heads
Muskmelons	13 dozen
Onions	72 bushels
Okra	8 bushels
Parsnips	30 bushels
Peas, green	16 bushels
Potatoes	50 bushels
Radishes	20 bushels
Spinach	74 bushels
Squashes	52 dozen
Tomatoes	290 bushels
Turnips	35 bushels

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TABLE NO. 35.

ARTICLES MADE BY PATIENTS IN SEWING ROOM.

Awnings	1
Aprons	417
Bedspreads	169
Bed ticks	168
Bolster cases	12
Camisoles	2
Chemises	598
Covers	12
Curtains	11
Drawers	453
Dresses	703
Diapers	48
Ducksuits	12
Mattress ticks	53
Napkins	48
Night gowns	415
Pillow cases	642
Pantaloons	8
Pillow ticks	170
Sheets	844
Shirts	436
Skirts	625
Sun bonnets	136
Towels	582
Table cloths	62
Undershirts	250
Waists	39

TABLE NO. 36.

ARTICLES REPAIRED BY PATIENTS IN SEWING ROOM.

Aprons	12
Awnings	2
Bed ticks	894
Bed spreads	60
Camisoles	158
Coats	204
Drawers	467
Dresses	44
Duck suits	168
Napkins	12
Pantaloons	595
Pillow cases	74
Shirts	580
Sheets	61
Table cloths	40
Towels	40
Under shirts	484
Vests	88

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ANNUAL REPORT

OF THE

COMMISSIONERS ON CHARITABLE INSTITUTIONS

FOR THE FISCAL YEAR ENDING APRIL 12, 1887.

ST. LOUIS, April 23, 1887.

Hon. David R. Francis, Mayor:

SIR — In compliance with the requirements of section five, article four, of the Revised Ordinances of 1881, we, the Commissioners on Charitable Institutions, beg leave respectfully to submit to the Municipal Assembly, through your Honor, our report for the fiscal year ending April 11th, 1887.

In accordance with the provisions of the Ordinance, the Commissioners visited the various City Institutions under their charge at frequent but irregular intervals, and made a thorough inspection of the same, and they have pleasure in stating, that the general result of their examinations has been, that these Institutions are well and economically managed, the inmates humanely and properly treated, and that the objects, for which the Institutions are maintained, are reasonably accomplished through the zeal and fidelity of the officers in charge. Much more might be accomplished by the same officers were the buildings and their fittings better adapted to the various purposes for which they are used.

Some of these Institutions have been greatly improved in condition during the past year. The House of Refuge by the occupancy of the new building and the consequent separation of the young and comparatively uncontaminated from the vicious inmates. The Insane Asylum by its new system of water closets, an improvement which was most urgently needed; and the Female Hospital by the rebuilding of the ruinous north wing. Much remains to be done, however, in all of our Institutions before they will afford a relief to the suffering and the poor commensurate with the outlay and the excellent service rendered by the officials. That the Female Hospital can ever yield a satisfactory return for the care and expense bestowed upon the patients, is not to be expected. The building is a disgrace to the City of St. Louis in its construction and equipment throughout. The accommodations are inadequate, the premises are in bad repair, and in the opinion of these Commissioners, unsafe. The steam pipes for heating the premises are in places carried up between the lathing and the plastering of stud partitions, where they may be the cause of fire at any time; in which case, the loss of life, which would almost inevitably follow, is painful to contemplate. It is probable the destruction of the colored ward in the Hospital Grounds was caused by improper location of the steam pipes in that building.

The Commissioners report that the prisoners confined in the jail are practiced on by lawyers, whose transactions, are, to say the least, of a questionable character in regard to obtaining bail and defense. The Commissioners are of the opinion that the enforcement of proper rules by the jailor might sufficiently protect the prisoners and their friends, and still leave them accessible to legal advice without further legislation on the subject. In the Asylum and Poor House there is a lack of means for attempting the cure of the insane by separation of the incurable and violent from the patients who are probably curable. The lack of provision for the mental occupation and treatment of this class of patients practically condemns these unfortunates, many of them curable, to a life long incarceration and the city to enormous expense. In case of fire, the lives of the inmates of most of these Institutions would be in imminent peril. For the patients in the Female Hospital, in the upper floors of the Poor House and Insane Asylum, and in the Consumptive Ward of the City Hospital, there are no means of escape provided. The present condition of these buildings in this regard invites a calamity, which would fill us with horror and shame, and would justly expose us to the greatest censure. The watchfulness and care of the superintendents and other officials, it is true, stand between us and such

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disgrace, but it is our duty to furnish every safeguard in our power. The supply of water for the Insane Asylum and the Institutions supplied by the Asylum, is inadequate. The Poor House receives an irregular and sometimes insufficient supply for ordinary purposes. None of this group of Institutions has any adequate supply for fire purposes. The supply could probably be largely increased and made regular by attaching a pump to the City supply pipe at the Asylum and pumping from the pipe into the cistern; as it is at present, the head of water is very small and the cistern is frequently pumped empty.

We would recommend the building of a laundry at the Female Hospital to remove the noise and moisture of that work from the immediate neighborhood of the sick wards. We would also recommend a general overhauling of the whole building to put it in shape for effective and decent treatment of the cases for which it is intended. It is not, in our judgment, in such shape. We reiterate the recommendation of last year, that the time for confinement cases be shortened. It is a waste of the public funds to permit the use of the Hospital as a free boarding house for months by such cases, except in the cases of unmarried women, unfortunately fallen. We further recommend that suitable and sufficient fire-escapes be provided for the Female Hospital, the Poor House, Insane Asylum, and for the Consumptive Ward of the City Hospital (new wing). This last is in our judgment a very pressing necessity, as only one staircase leads to the ward in question, and in case of fire, it would almost certainly be unavailable. We also recommend that an elevator be put in the City Hospital. At present, patients have to be carried up and down the stairs by the attendants. There is steam enough to run the elevator at very small expense, and it could be attended to by convalescent patients. The Commissioners are not clothed with powers to correct evils or abuses, except in cases so serious as to warrant the trial and dismissal of a derelict Superintendent.

With these recommendations, therefore, their duty seems to end.

All of which is most respectfully submitted.

REGULAR MEETINGS DURING THE YEAR.

MAY, 1886. Present, Messrs. Blossom, Filley and Mr. President Page. Absent, Messrs. Donaldson and Matthews.

JUNE. Present, Messrs. Blossom, Matthews and Mr. President Page. Absent, Messrs. Donaldson and Filley.

JULY. Present, Messrs. Blossom and Filley. Absent, Messrs. Matthews and Donaldson.

AUGUST. Present, Messrs. Blossom, Matthews and Mr. President Waterworth. Absent, Messrs. Donaldson and Filley.

SEPTEMBER. Present, Messrs. Blossom and Donaldson. Absent, Messrs. Filley, Matthews and Mr. President Waterworth.

OCTOBER. Present, Messrs. Blossom, Donaldson, Matthews and Mr. President Waterworth. Absent, Mr. Filley.

NOVEMBER. Present, Messrs. Blossom, Donaldson, Filley, Matthews and Mr. President Waterworth.

DECEMBER. Present, Messrs. Blossom and Mr. President Waterworth. Absent, Messrs. Donaldson, Filley, Matthews.

JANUARY, 1887. Present, Messrs. Donaldson and Matthews. Absent, Messrs. Blossom, Filley and Mr. President Waterworth.

FEBRUARY. Present, Messrs. Donaldson, Matthews and Mr. President Waterworth. Absent, Messrs. Blossom and Filley.

MARCH, 1887. Present, Messrs. Donaldson, Matthews and Mr. President Waterworth. Absent, Messrs. Blossom and Filley.

APRIL. Present, Messrs. Donaldson, Filley, Matthews and Mr. President Waterworth.

SPECIAL MEETINGS.

JULY, 1886. Present, Messrs. Blossom, Filley, Matthews and Mr. President Waterworth. Absent, Mr. Donaldson.

APRIL, 1887. Present, Messrs. Blossom, Donaldson, Matthews and Mr. President Waterworth. Absent, Mr. Filley.

SECOND MEETING.

Present, Messrs. Blossom, Donaldson, Filley, Matthews and Mr. President Waterworth.

C. D. BLOSSOM, LEONARD MATTHEWS,
E. A. FILLEY, JOHN W. DONALDSON,
JAMES A. WATERWORTH, *Prest.*

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REPORT OF THE PRESIDENT

OF THE

BOARD OF PUBLIC IMPROVEMENTS.

ST. LOUIS, May 17, 1887.

To the Hon. Board of Public Improvements:

GENTLEMEN — I have the honor to present herewith my report for the fiscal year ending April 11, 1887.

The expenditures during the year have been as follows: —

Advertising and printing proceedings	$ 1,157 18
Drafting materials, instruments, etc.	214 79
Office expenses, furniture, repairs, etc.	260 71
Printing and stationery	415 22
PAY-ROLLS: —	
President's office and special tax department	15,952 01
Temporary employees	2,633 89
Total	$20,633 25

SPECIAL TAX DEPARTMENT.

The following statement shows the number of special tax bills issued by this department, the cost of the work represented thereby, and the amount of appropriation for the President's Department, for each year from 1877 to 1886 inclusive: —

FISCAL YEAR.	Number of Special Tax Bills Issued.	Cost of Work.	Annual Appropriation
Part of 1877–1878	554	$24,360 00	$16,000 00
1878–1879	3,074	136,578 56	21,000 00
1879–1880	2,911	113,659 77	19,750 00
1880–1881	3,016	98,455 46	19,750 00
1881–1882	3,906	146,059 08	19,287 50
1882–1883	4,183	301,770 04	17,250 00
1883–1884	4,213	643,733 88	18,000 00
1884–1885	5,206	733,104 36	19,250 00
1885–1886	6,690	1,130,604 52	19,250 00
1886–1887	7,295	1,186,330 62	22,500 00

The platting of the blocks in the new city limits, which from various causes has been unavoidably postponed, was again taken up during the past year, has progressed favorably, and will be entirely completed within the next ninety days.

With the view of ascertaining the amount chargeable against the city under the twenty-five per cent clause of the City Charter, one hundred and seventy-seven examinations of assessed values of lots fronting on streets and alleys proposed to be improved, of a total length of 67.07 miles, were made.

A tabular statement showing assessment of special taxes during the year is appended.

I also present the report of the Commissioner of Public Buildings.

Very respectfully,

HENRY FLAD,
President.

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RECONSTRUCTION OF STREETS WITH GRANITE.

NATURE OF WORK.	NAME OF STREET.	NAME OF CONTRACTOR.	Number of Ord.	No. of Contract.	Payable by Special Tax.	Payable by City.	Total. Amount.
Paving with Granite..	Clark ave., from 18th st. to 20th st	Fred'k Skrainka	13,215	1,387	$ 9,645 81	$ 707 79	$ 10,353 60
Paving with Granite..	Clark ave., from 15th st. to 18th st	Philip F. Stifel	13,214	1,386	21,973 58	1,764 84	23,738 42
Paving with Granite..	Chouteau ave., from Broadway to 8th st	Philip F. Stifel	13,359	1,393	13,483 42	2,264 62	15,748 04
Paving with Granite..	Market st., from 9th st. to 12th st	John G. Wright	12,323	1,214	19,270 58		19,270 58
Paving with Granite..	Morgan st., from 4th st. to Broadway	G. Eyermann	12,751 / 12,828	1,384	3,389 74		3,389 74
Paving with Granite..	Pine st., from 4th st. to 6th st	John G. Wright	12,325	1,208	8,592 11		8,592 11
Paving with Granite .	Morgan st. from 6th st. to 7th st	G. Eyermann	12,752 / 12,829	1,385	3,253 81		3,253 81
Paving with Granite..	Washington ave., from 17th st. to Jefferson ave	Allen & Vieths	12,758 / 12,835	1,180	69,393 79	464 10	69,857 89
Paving with Granite..	St. Charles st. from 3rd st. to 4th st	John G. Wright	12,328	1,211	3,808 35		3,808 35
Paving with Granite..	Chouteau ave., from 8th st. to the west line of 12th st. running north of Chouteau ave	Philip F. Stifel	13,360	1,389	23,380 61	1,090 52	24,471 13
Paving with Granite..	Market st., from 12th st. to 18th st	Fred. Skrainka	13,464	1,419	38,806 98	24 85	38,831 83
Paving with Granite..	Christy ave., from 4th st. to 7th st	G. Eyermann	12,750 / 12,827	1,383	11,783 20		11,783 20
Paving with Granite..	St. Charles st., from 4th st. to Broadway	John G. Wright	12,329	1,212	4,806 60		4,806 60
Paving with Granite..	Third st., from Morgan to Biddle st	John Donovan & Co	13,502	1,422	46,023 93	1,546 04	47,569 97
Paving with Granite..	Twelfth st. from a line about 94 ft. south of and parallel to Poplar st., running west of 12th st. to Market st	Henry Ruckert	13,363	1,392	31,198 57	185 66	31,384 23
Paving with Granite .	Ninth st. from Christy ave. to Franklin ave	John B. O'Meara	13,567	1,458	7,926 39		7,926 39
Paving with Granite..	Market st., from 18th st. to 21st st	Wm. Skrainka	13,571	1,462	17,530 25	244 66	17,774 91
Paving with Granite..	Fourth st., from Poplar to Convent st	Allen & Vieths	13,503	1,423	37,972 14	236 16	38,208 30
Paving with Granite..	Ninth st., from Locust st. to Washington ave	G. Eyermann	12,440	1,381	5,812 92	139 32	5,952 24
Paving with Granite..	Morgan st., from 13th st. to 14th st	John Donovan & Co	13,509	1,429	5,964 32		5,964 32
Paving with Granite..	Morgan st., from 7th st. to 13th st	John Donovan & Co	13,508	1,428	22,927 26		22,927 26
Paving with Granite..	Fourteenth st. from Market st. to Washington ave.	Allen & Vieths	13,570	1,461	19,413 78	1,155 55	20,569 28
Paving with Granite..	Chouteau ave., from the west line of 12th st., running north of Chouteau ave. to the center line of St. Ange ave	Philip F. Stifel	13,361	1,390	17,627 55		17,627 55
Paving with Granite..	Commercial st., from Olive Street to Locust st	John Donovan & Co	13,501	1,421	2,566 15		2,566 15
Paving with Granite..	Sixth st., from Franklin ave. to Carr st	John Donovan & Co	13,507	1,427	9,620 03		9,620 03
Paving with Granite..	Broadway, from Marion st. to Geyer ave	Philip F. Stifel	13,506	1,426	29,990 91		29,990 91
Paving with Granite..	Fourteenth st., from Clark ave. to Market st	Wm. Skrainka	13,569	1,460	17,093 27		17,093 27
Paving with Granite..	Eighth st., from Locust st. to Washington ave	Wm. Skrainka	13,565	1,456	6,763 09		6,763 09
Paving with Granite..	First st., from Dickson st. to Florida st	John Donovan & Co	13,500	1,420	16,239 09	287 55	16,526 64
Paving with Granite..	Seventh st., from Washington ave. to Franklin ave.	John G. Wright	12,381	1,213	15,305 22		15,305 22
Paving with Granite..	Broadway, from Poplar st. to Convent st	Allen & Vieths	13,504	1,424	41,747 69	1,148 81	42,896 50
Paving with Granite..	Third st., from Biddle st. to O'Fallon st	Allen & Vieths	13,600	1,467	14,033 77	2,546 23	16,580 00
Paving with Granite..	Clark ave., from Broadway to 7th st	Schneider and Wright	12,432	1,295	11,111 87	459 93	11,571 80
Paving with Granite..	Walnut st., from 8th st. to 10th st	G. Eyermann	12,439	1,382	8,885 22	1,202 71	10,087 93
Paving with Granite..	Eleventh st., from Washington ave. to Franklin ave	John B. O'Meara	13,568	1,459	11,811 58	123 92	11,935 50
Paving with Granite..	Broadway, from Convent st. to Marion st	Philip F. Stifel	13,505	1,425	50,068 43	72 75	50,131 18
Paving with Granite..	Eighth st. from Pine st. to Olive	Allen & Vieths	13,578	1,468	4,175 57		4,175 57
Paving with Granite..	Broadway, from O'Fallon st. to Mullanphy st	Allen & Vieths	13,601	1,468	41,157 28	2,221 06	43,378 34
Paving with Granite..	Seventh st. from Cerre st. to Chouteau ave	John Donovan & Co	13,510	1,430	16,167 89		16,167 89
Paving with Granite..	Chestnut st. from 12th st. to 18th st	G. Eyermann	13,382	1,388	34,097 53		34,097 53
Paving with Granite..	Chouteau ave., from the centre line of St. Ange ave. to west line of 2nd Carondelet ave	Henry Ruckert	13,362	1,391	25,693 28	377 05	26,070 28
		Total			$ 800,453 46	$ 18,264 12	$ 818,717 58

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RECONSTRUCTION OF STREETS WITH WOOD.

NATURE OF WORK.	NAME OF STREET.	NAME OF CONTRACTOR.	No. of Ord.	No. of Contract.	Payable by Special Tax.	Payable by City.	Total Amount.
Paving with Pine-wood blocks, treated with Zinc.	Lucas avenue from Beaumont st. to Garrison ave.	Claus Vieths	13,518	1,377	$23,846 50	.....	$23,846 50
	Washington ave. from Jefferson ave. to Garrison avenue	Allen & Vieths	13,606	1,464	30,159 87	.....	30,159 87
	Garrison ave. from Locust st. to Easton ave	Allen & Vieths	13,608	1,466	25,682 18	.....	25,682 18
	Washington ave. from Garrison ave. to Compton ave	Allen & Vieths	13,607	1,465	13,562 11	.....	13,562 11
				Total	93,250 66	.....	93,250 66

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STREET IMPROVEMENT.

NATURE OF WORK.	NAME OF STREET.	NAME OF CONTRACTOR.	No. of Ordinance.	No. of Contract.	Payable by Special Tax.	Payable by City.	Total Amount.
Curbing, guttering, macadam, etc.	Ohio ave., from Miami st. to Chippewa st	Louis Grund	13,446	1,405	$1,666 04	$34 25	$1,700 29
Macadam, gravel, etc.	Keokuk st., from Broadway to Nebraska ave	Louis Grund	13,447	1,402	2,300 38	305 15	2,605 53
Macadam, gravel, etc.	Potomac st., from Broadway to Barracks st	M. Lorenz & A. Kern	13,445	1,404	1,595 93		1,595 93
Curbing, guttering, macadam, etc.	Cook ave., from Spring ave. to Prairie ave	John B. O'Meara	13,444	1,399	1,406 66	219 44	1,626 10
Curbing, guttering, macadam, etc.	Louisiana ave., from Russell ave. to Geyer ave	G. Eyermann	13,370	1,376	2,129 27		2,129 27
Macadam, gravel, etc.	C. Brilliante av., from Vandeventer av. to Warne av	John B. O'Meara	13,448	1,403	837 54		837 54
Curbing, guttering, macadam, etc.	Howard st., from 25th st. to Jefferson ave	John B. O'Meara	13,369	1,397	1,861 39		1,861 39
Curbing, guttering, macadam, etc.	Clark ave., from Ranken ave. to Theresa ave	Daniel Kavanagh	13,368	1,398	2,082 53		2,082 53
Curbing, guttering, macadam, etc.	Todd ave., from Eads ave. to Park ave	G. Eyermann	12,979	1,198	961 18	785 36	1,746 54
Curbing, guttering, macadam, etc.	Sidney st., from 1st st. to DeKalb st	Philip F. Stifel	13,442	1,400	1,820 33	106 75	1,927 08
Curbing, guttering, macadam, etc.	Missouri ave., from Shenandoah st. to Ann ave	John Steffen	13,443	1,401	3,135 16		3,135 16
Curbing, guttering, macadam, etc.	Page ave., from Spring ave. to Prairie ave	John B. O'Meara	13,365	1,395	3,404 22		3,404 22
Curbing, guttering, macadam, etc.	Cabanne st., from Pine st. to Lindell ave	August Heman	13,496	1,475	1,767 87		1,767 87
Curbing, guttering, macadam, etc.	Palm st., from Blair ave. to 19th st	John B. O'Meara	13,366	1,396	1,012 48	85 03	1,097 51
Curbing, guttering, macadam, etc.	Cabanne st., from Lindell ave. to Olive st	August Heman	13,579	1,476	2,628 05	67 73	2,695 78
Curbing, guttering, macadam, etc.	Devolsey st., from Gravois ave. to Beauty alley	John Steffen	13,788	1,542	332 49		332 49
Curbing, guttering, macadam, etc.	Cozens ave., from Grand ave. to Easton ave	John B. O'Meara	13,364	1,394	1,522 33	18 32	1,540 65
Curbing, guttering, macadam, etc.	Geyer ave., from Minnesota av. to Pennsylvania av.	John Steffen	13,745	1,544	1,192 51		1,192 51
Curbing, guttering, macadam, etc.	Penn st., from Cambria st. to the west line of Fairmount add	Louis Grund	13,743	1,540	2,591 71	2 16	2,593 87
Curbing, guttering, macadam, etc.	Channing ave., from Franklin ave. to Thomas st	Timothy Kavanagh	13,737	1,547	4,236 07	343 13	4,579 20
Curbing, guttering, macadam, etc.	Bacon st., from Montgomery st. to North Market st.	J. E. Perkinson	13,739	1,543	2,978 83	16 93	2,995 76
Curbing, guttering, macadam, etc.	Ead ave., from Todd ave. to Compton ave	Louis Grund	13,735	1,546	3,324 92	107 87	3,432 79
Curbing, guttering, macadam, etc.	Nineteenth st., from Cass ave. to Mullanphy st	J. E. Perkinson	13,736	1,541	2,248 48		2,248 48
Curbing, Guttering, macadam, etc.	Lindell ave., from Boyle ave. to King's ave	St. Louis Quarry Co	13,698	1,538	42,646 69		42,646 69
Curbing, guttering, macadam, etc.	Cabanne st., from Laclede ave. to Pine st	H. Brockschmitt	13,746	1,545	2,535 36		2,535 36
				Total.	$92,218 42	$2,092 12	$94,310 54

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IMPROVEMENT OF ALLEYS.

City Block	Description of Work.	Name of Contractor.	No. of Ord.	No. of Contract.	Payable by Special Tax.	Payable by City.	Total Amount.
594	Paving alley running E. and W. between 16th and 17th streets and Cass ave. and blk. 570	August Heman	13,372	1362	$686 97	$41 16	$728 13
1162	Paving alley running N. and S. from Salisbury st. to Mallinckrodt st., and bet. Florissant ave. and 21st street	Joseph O'Meara	13,383	1373	514 63	82 25	596 88
812	Paving southern, E. and W. alley from 13th street to 2d Carondelet ave., and bet. Sidney and Lynch streets	John Steffen	13,437	1410	393 31	6 29	399 60
587	Paving alley running E. and W. from 10th st. to 11th st., and bet. Cass ave. and blk. 577	Daniel Cavanagh	13,371	1409	708 63	.....	708 63
1069	Paving alley running E. and W. from Parnell st. to Jefferson ave., and bet. St. Louis ave. and Wright st	Joseph O'Meara	13,377	1366	1,130 40	.....	1,130 40
792	Paving alley running N. and S. from Lynch st. to McGirk st., and bet. 11th st. and 12th st	John Steffen	13,438	1411	792 96	.....	792 96
471	Paving alleys running E. and W. and N. and S. bet. 12th st. and 13th st., Chouteau ave. and Hickory st	Philip F. Stifel	13,374	1364	1,891 47	5 32	1,896 79
1718E	Paving alley running E. and W. from 23d st. to Jefferson ave., and bet. Scott ave. and Atlantic st	Fruin-Bambrick Con. Co.	13,379	1369	1,107 08	.....	1,107 08
2317	Paving alley running E. and W. from 25th st. to Jefferson ave., and bet. Howard st. and Mullanphy st	August Heman	13,382	1372	1,114 88	.....	1,114 88
477S	Paving Eastern, N. and S. alley running from Lasalle st. south to E. and W. alley	John Steffen	13,461	1418	369 08	.....	369 08
1407	Paving alley running E. and W. from 2d Carondelet ave. to Salena st., and bet. Victor st. and Sidney st	Henry Seibert	13,439	1412	1,904 63	.....	1,904 63
2293	Paving alleys runing E. and W. and N. and S. bet. Grand, Spring, Finney and Cook aves.	Daniel Cavanagh	13,459	1415	2,404 08	.....	2,404 08
509	Paving alley running E. and W. from 17th st. to 18th st., and bet. Olive st. and Pine st.	G. Eyermann	13,378	1368	754 35	.....	754 35
1902	Paving alley running E. and W. from Elliot ave. to Leffingwell ave., and bet. St. Louis ave. and University st.	J. E. Perkinson and R. A. Perkinson and Co.	13,460	1416	731 56	.....	731 56
2315	Paving alley running E. and W. from 23d st. to 25th st., and bet. Cass ave. and Mullanphy st.	August Heman	13,373	1363	1,339 39	.....	1,339 39
2138	Paving alley running N. and S. from Lafayette ave. to Eads ave., and bet. Texas ave. and Jefferson ave.	G. Eyermann	13,376	1365	1,202 65	.....	1,202 65
1952	Paving alley running E. and W. from Compton ave. to Channing ave., and bet. Chestnut st. and Laclede ave.	Daniel Cavanagh	13,375	1407	1,925 20	.....	1,925 20
2366	Paving alley running N. and S. from Montgomery st. to St. Louis ave., and bet. Elliot ave. and Leffingwell ave.	St. Louis Quarry Co.	13,724	1532	771 64	.....	771 64
1403	Paving alley running E. and W. from McNair ave. to Gravois ave., and bet. Victor st. and Sidney street	Martin Lorenz	13,726	1534	2,657 14	16 94	2,674 08
1745E	Paving alley running N. and S. from Salisbury st. to Farrar st., and bet. 25th st. and Vest ave.	St. Louis Quarry Co.	13,717	1525	686 59	.....	686 59
	Amounts carried forward				$23,086 64	$151 36	$23,238 60

17

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IMPROVEMENT OF ALLEYS — *Continued.*

City Block	Description of Work.	Name of Contractor.	No. of Ord'ce.	No. of contract.	Payable by Special Tax.	Payable by City.	Total Amount.
	Amounts brought forward				$23,086 64	$151 96	$23,238 60
2282 & 455 S	Paving alley running E. and W. from 18th st. to 21st st., and between Chouteau ave. and Papin st	Henry Seibert	13,384	1408	3,183 04	2 96	3,186 00
1925	Paving alley running N. and S. from Natural Bridge Road to Harper st., and bet. Thompson ave. and Grand ave	J. E. Perkinson	13,718	1526	632 18	....	632 18
1844	Paving alley running E. and W. from Leffingwell av. to Elliot ave. and bet. Cass ave. and Howard st	St. Louis Quarry Co	13,722	1530	779 68	140 01	919 69
1802	Paving Northern E. and W. alley from McNair ave. to Missouri ave., and bet. Sidney st. and Lynch st	Martin Lorenz	13,719	1527	654 64	124 47	779 11
1859	Paving alleys running N. and S. and E. and W. bet. Evans ave., Cozens ave., Francis st. and Grand ave	Philip F. Stifel	13,725	1533	1,312 83	... .	1,312 83
565	Paving alley running E. and W. from 14th st. to Blair ave., and between Biddle st. and O'Fallon st	Philip F. Stifel	13,720	1528	511 84	.....	511 84
404	Paving alley running N. and S. from Lafayette ave. to Soulard st. and bet. 11th st. and 12th st	Philip F. Stifel	13,716	1524	776 91	.....	776 91
1743 S	Paving alleys running N. and S. and E. and W. bet. 22d st., 23d st., Mallinckrodt st., and Salisbury st	St. Louis Quarry Co	13,721	1529	712 32	169 12	881 44
			Total	am't....	$31,650 08	$588 52	$32,238 60

RECONSTRUCTION OF ALLEYS WITH GRANITE.

24 & 23	Paving with granite Waddingham alley from Franklin av to Carr st	John B. O'Meara	13,530	1455	$11,528 59	.....	$11,528 59

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PAVING OF NEW SIDEWALKS.

NATURE OF WORK.	NAME OF STREET.	Name of Contractor.	No. of Ordinance.	No. of Contract.	Payable by Special Tax.	Payable by City.	Total Amount.
Paving sidewalks.....	On Dorcas st., bet. 2d and st. and Bismarck st.....	Fred. Hoeller.....	13,515 & sec. 1, Art. 1, Chap. 15, Rev. Ord. '81.	1,266	$204 15	$ 4 72	$208 87
Paving sidewalks.....	On Eighth st., bet. Russell av. and Ann av.....	Fred. Hoeller.....	13,516 etc.....	1,266	145 22	.....	145 22
Paving sidewalks.....	On Cook av., bet. Spring av. and Prairie av.....	Fred. Hoeller.....	13,444 etc.....	1,267	33 46	63 99	97 45
Paving sidewalks.....	On Louisiana av., bet. Russell av. and Geyer av.....	Fred. Hoeller.....	13,370 etc.....	1,266	452 43	39 08	491 51
Paving sidewalks.....	On Howard st., bet. 25th st. and Jefferson av.....	August Heman.....	13,369 etc.....	1,259	481 00	.....	481 00
Paving sidewalks.....	On Clark av., bet. Ranken av. and Theresa av.....	Fred. Hoeller.....	13,368 etc.....	1,500	356 86	.....	356 86
Paving sidewalks.....	On Sidney st., bet. 1st st. and DeKalb st.....	Fred. Hoeller.....	13,442 etc.....	1,499	211 18	95 23	306 41
Paving sidewalks.....	On Caroline st., bet. Ewing av. and Cardinal av.....	Fred. Hoeller.....	13,710 etc.....	1,500	268 23	.....	268 23
Paving sidewalks.....	On St. Louis av., Rauschenbach av. and Hebert st.....	John Heman.....	8,507 and 11,411 etc	1,501	486 68	.....	486 68
Paving sidewalks.....	On Adams st., bet. Montrose av. and Compton ave., and on Cardinal av., bet. Adams st. and Clark av.....	Fred. Hoeller.....	13,709 & 13,711 etc.	1,500	362 75	.....	362 75
Paving sidewalks.....	On Page av., bet. Spring av. and Prairie av.....	Fred. Hoeller.....	13,365 etc.....	1,500	368 12	.....	368 12
Paving sidewalks.....	On Missouri av., bet. Shenandoah st. and Ann av.....	Fred. Hoeller.....	13,443 etc.....	1,499	648 25	.....	648 25
Paving sidewalks.....	On Palm st., bet. Blair av. and 19th st.....	John Heman.....	13,366 etc.....	1,501	65 21	74 36	139 57
Paving sidewalks.....	On east side of Cabanne st., bet. Pine st. and Lindell av.	Fred. Hoeller.....	13,498 etc.....	1,500	93 25	.....	93 25
Paving sidewalks.....	On Devolsey st., bet. Gravois av. and Beauty alley.....	Fred. Hoeller.....	13,738 etc.....	1,499	34 49	26 81	61 30
Paving sidewalks.....	On Cabanne st., bet. Lindell av. and Olive st.....	Fred. Hoeller.....	13,579 etc.....	1,500	286 19	67 64	353 83
Paving sidewalks.....	On Cozens av., bet. Grand av. and Easton av.....	John Heman.....	13,364 etc.....	1,501	307 26	83 33	390 59
Paving sidewalks.....	On Geyer av., bet. Minnesota av. and Pennsylvania av.	Fred. Hoeller.....	13,745 etc.....	1,499	213 63	.....	213 63
Paving sidewalks.....	On Penn st., bet. Cambria st. and w. l. of Fairmount Add.	Fred. Hoeller.....	13,743 etc.....	1,499	367 37	8 40	375 77
Paving sidewalks.....	On Bacon st., bet. Montgomery st. and North Market st.	John Heman.....	13,739 etc.....	1,501	438 84	53 93	492 77
Paving sidewalks.....	On 19th st., bet. Cass av. and Mullanphy st.....	John Heman.....	13,736 etc.....	1,501	89 24	.....	89 24
Paving sidewalks.....	On Channing av., bet. Franklin av. and Thomas st.....	Fred. Hoeller.....	13,737 etc.....	1,500	371 86	79 15	451 01
Paving sidewalks.....	On Eads av., bet. Todd av. and Compton av.....	Fred. Hoeller.....	13,735 etc.....	1,500	637 60	90 13	727 73
Paving sidewalks.....	On Cabanne st., bet. Laclede av. and Pine st.....	Fred. Hoeller.....	13,746 etc.....	1,500	63 74	7 42	71 16
			Total.....		$6,987 01	$894 19	$7,681 20

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REPAIRS OF ALLEYS — UNDER ANNUAL CONTRACT.

DISTRICT.	BOUNDARIES OF DISTRICT.	Name of Contractor.	No. of Ordinance.	No. of Contract.	Amount.
First	South and west by southern and western city limits, north by the north lines of Lafayette avenue, McRee avenue and Old Manchester road, and east by the Mississippi river.	Fred Boehme	Sec. 4, Art. 1, Chap. 15, Rev Ord. 1881.	1260	
First	do	do	do	1491	
Second	South by the north lines of Lafayette avenue, McRee avenue and Old Manchester road, west by the western city limits, north by the south lines of Carr street, Stoddard street and north line of Easton avenue, and east by the Mississippi river.	Fruin-Bambrick Cont. Co.	do	1261	$5,045 93
Second	do	J. E. Perkinson & A. Kern	do	1515	5,709 37
Third	West and north by the western and northern city limits, south by the south lines of Carr street, Stoddard street and north line of Easton avenue, and east by the Mississippi river.	Joseph O'Meara	do	1268	763 11
Third	do	do	do	1492	880 04
			Total amt.		$12,338 45

REPAIRS OF SIDEWALKS — UNDER ANNUAL CONTRACT.

DISTRICT.	BOUNDARIES OF DISTRICTS.	Name of Contractor.	No. of Ordinance.	No. of Contract.	Amount.
First	South and west by the southern and western city limits, north by the north lines of Lafayette avenue, McRee avenue and Old Manchester road, and east by the Mississippi river.	Fred Hoeller	Sec. 8, Art. 1, Chap. 15, Rev Ords., 1881.	1266	$ 682 68
First	do	do	do	1499	568 17
Second	South by the north lines of Lafayette avenue, McRee avenue and old Manchester road, west by the western city limits, north by the south lines of Carr street, Stoddard street and north line of Easton avenue, and east by the Mississippi river.	do	do	1267	1,284 43
Tecond	do	do	do	1500	1,942 84
Shird	West and north by the western and northern city limits, south by the south lines of Carr street, Stoddard street and north line of Easton avenue, and east by the Mississippi river.	August Heman	do	1269	2,410 44
Third	do	John Heman	do	1501	2,062 64
					$8,891 20

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CONSTRUCTION OF DISTRICT SEWERS.

City Block.	Description of Work.	Name of Contractor.	No. of Ordinance.	No. of Contract.	Amount.
1935, 1936, 3313, 1937, 2467, 3314, 1938, 2466, 3315, 2464, 2465, 3316, 2463, 3318, 2462	Gingrass Creek sewer district No. 2	August Heman	13,300 and 13,303	1322	$24,501 73
1818	South Mill Creek sewer district No. 36	Robert Wycoff & B. Crean	13,542 and 13,553	1438	375 42
1893	Grand avenue sewer district No. 20	John Heman	13,585 and 13,591	1453	554 86
497	Chestnut and Pine street sewer district No. 3	J. Bambrick & J. S. Foster	13,536 and 13,546	1445	594 22
1749 N., 1739	Farrar street sewer district No. 14	Robert Wycoff & B. Crean	13,586 and 13,590	1471	1,231 64
1523, 1527	Illinois avenue sewer district No. 5	H. H. Ruecking	13,535 and 13,545	1444	2,761 03
2346, 2345	Elliot avenue sewer district No. 36	Robert Sheehan	13,538 and 13,548	1442	2,492 15
1281, 1282	Joab street sewer district No. 8	Fred. Skrainka	13,543 and 13,554	1440	4,167 86
1471, 1472, 1473	Wyoming street sewer district No. 2	Louis Grund	13,540 and 13,551	1469	2,845 55
3344, 3345, 3346, 3347, 3365, 3364, 3363, 3362, 3382, 3383, 3384, 3404, 3403, 3402 E., 3402 W.	Gingrass Creek sewer district No. 3	George Prendergast	13,301 and 13,304	1328	20,858 13
1757	Wyoming street sewer district No. 3	Fred. Skrainka	13,584 and 13,592	1470	673 50
2330, 2344, 2343	Northwestern sewer district No. 21	H. H. Ruecking	13,537 and 13,547	1446	2,945 80
2231, 2342	North Chambers street sewer district No. 8	George Prendergast	13,533 and 13,550	1443	2,818 17
2210, 2211, 2209, 2208, 2207	North Mill Creek sewer district No. 20	Robert Sheehan	13,541 and 13,552	1439	6,000 03
1233, 2494, 2492, 2491, 2490, 2495, 2496, 1232 N., 2500, 2499 W., 2499 E., 2498 W., 2498 E., 2497 W., 2497 E., 2461	Gingrass Creek sewer district No. 1	P. D. Sage & Son	13,299 and 13,302	1325	17,309 42
2213, 2212, 2211	South Mill Creek sewer district No. 37	Edward Reilly	13,582 and 13,589	1474	7,446 28
2432, 2430, 2431, 2478, 2473, 2477, 2474	Ferry street sewer district No. 9	August Heman	13,534 and 13,544	1441	10,920 06
1224, 1230, 1223, 1231 S., 1231 N., 2501, 2514, 2511, 2502	Ferry street sewer district No. 10	Robert Wycoff & B. Crean	13,679 and 13,682	1557	7,946 87
2448	Gingrass Creek sewer district No. 4	Fred. Skrainka	13,678 and 13,681	1556	2,184 23
764, 765, 768, 761, 760	Louisa street sewer district No. 10	Robert Sheehan	13,583 and 13,683	1554	6,632 93
1288, 1287, 1286	Joab street sewer district No. 9	G. Eyermann	13,677 and 13,680	1555	3,802 27
				Total	$129,062 15

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RECAPITULATION.

NATURE OF WORK.	Payable by Special Tax.	Payable by City.	Total Amount.
Street improvements (with granite)	$800,453 46	$18,264 12	$818,717 58
Street improvements (with wood)	93,250 66	.....	93,250 66
Street improvements (with Macadam, gravel, etc.)	92,218 42	2,092 12	94,310 54
Alley improvements (with limestone)	31,650 08	588 52	32,238 60
Alley improvements (with granite)	11,528 59	.....	11,528 59
Sidewalk improvements	6,987 01	694 19	7,681 20
Repairs of alleys	12,338 45	.....	12,338 45
Repairs of sidewalks	8,891 20	.....	8,891 20
Construction of district sewers	129,062 15	.....	129,062 15
Grand total	$1,186,380 02	$21,638 95	$1,208,018 97

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ANNUAL REPORT

OF THE

STREET COMMISSIONER

For the Fiscal Year ending April 11, 1887.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, April 22, 1887.

To the Hon. Board of Public Improvements:

GENTLEMEN — I have the honor to submit herewith my report of the operations of the Street Department for the past fiscal year.

The expenditures have been as follows:—

NEW WORK.

Construction of streets and alleys	$ 44,840 12	
Reconstruction of streets	18,264 12	
Construction of bridges and culverts	117,683 43	
Total amount certified for new work		$180,787 67

CURRENT AND MISCELLANEOUS EXPENSES.

Street Commissioner's Department	$ 44,895 30	
Street Repairs — Miscellaneous expenses	93,085 65	
Street Repairs — Macadam and other material	143,166 85	
Street Repairs — Salaries	18,309 45	
Street Repairs — Reconstructed streets	13,852 01	
Street Cleaning — Labor and carts	119,713 93	
Street Cleaning—Stone & wood blks. and Asphalt pavem'ts	44,507 86	
Street grades and surveys	5,993 67	
Street Bridges and Culverts — Miscel. and Repairs	23,137 22	
Streets — Special service	3,988 78	
Fund for numbering houses	5,984 63	
Fund for redrawing map	342 00	
Gas-light	273,839 30	
Gasoline Lamps — Maintaining	12,098 78	
Total amount certified to for current & miscel. expenses		$802,915 43
Total amount certified during the year		983,703 10

The work of replacing the macadam of our most central streets with granite pavements made commendable progress this year. The total area laid was: —

Squares, 16,607.75; miles, 8.62.

The total cost of this work, exclusive of engineering and superintendence, was	$830,246 17
Of this amount the city paid — excess of 25 % valuation	18,264 12
Cost to abutting property	$811,982 05
The average price per square, exclusive of curbing, was	$ 46 78
The average price per square the preceding year was	53 37

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The mileage of streets reconstructed was within a small fraction the same as the preceding year, but the superficial area was 1,774.68 squares greater, and the total cost $5,825.31 less.

The total mileage of granite pavements is now 30.93 miles.

Broadway is now paved from Geyer avenue to Mullanphy street, with the exception of the distance from Franklin avenue to O'Fallon street, but as Third street is paved for this distance, it may be said we have a continuous pavement on Broadway from Geyer avenue to Mullanphy street, a distance of 7,524 feet. This has long been a much needed improvement and is of great benefit. Another important street improved was Chouteau avenue from Fourth street to Second Carondelet avenue.

It was expected that we would have under contract at this date a continuation of Broadway north as far as St. Louis avenue. Ordinances were prepared and passed the Assembly for this work, but an alteration in the date of the Mayor's approval of these bills, made by some unknown party, threw such a doubt over the validity of these ordinances that it was deemed best not to let contracts under them. Even if these bills were valid, a suspicion would always remain with some, and abutting property owners would never be quite certain but what it caused contractors to bid higher prices. Hence, I have recommended that these bills be re-enacted.

The high character of our work has been kept up during the year. The work, at all times, has been kept under close surveillance. The advantages of a deep base and a deep stoneblock is now, after an experience of five years, very apparent. Although costing somewhat more to lay than our former pavements did, it is true economy, in my judgment, in the end.

The macadam on Washington avenue from Jefferson avenue to Compton avenue, and on Lucas avenue from Beaumont street to Garrison avenue, and on Garrison avenue from Easton avenue to Locust street was replaced this year by wooden blocks laid on a concrete base, following former specifications. The distance was 1.71 miles, covering an area of 2,248.26 superficial squares, and costing the property owners $93,250.66, or, exclusive of curbing, $37.73 per square. This is 80 per cent of the cost of our granite block pavements, having an eight inch base and eight inch depth of stone.

These pavements, like the former wooden pavements laid on Chestnut street, are maintained under contract for a period of ten years; during the last nine years the contractor receives fifty cents per square from the city for every square of pavement laid, which is his total compensation for keeping the pavement in perfect repair for this period.

The demand for new streets, macadam, is shown in the estimate of cost of work returned to the Board of Public Improvements, by this Department, in answer to petitions of property owners for street improvements.

These estimates foot up as follows:—

Cost to city	$359,471 00
Cost to abutting property	364,982 00
Total cost of work asked for	$724,453 00

In reply to this call the city appropriated $50,000.00 and expended $44,840.12. The total length of new street work of all kinds, com-

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pleted during the year was 3.85 miles, and of alley pavement 2.53 miles.

The total cost of this work to the abutting property was $125,626. In addition to the above work $11,750.52 were expended by the city under contract for grading streets and alleys; and the Workhouse convicts are credited with moving 110,580 cubic yards of earth in doing a similar kind of work which, estimated at eighteen cents per cubic yard, the value of their work may be placed at $19,904.40.

The following table shows the work done by Workhouse convicts:—

	Cubic yds.
Oregon avenue between Miami and Chippewa streets	14,100
Linn street between Park ave. and Carroll street	560
Cabanne street between Lindell ave. and Olive street	1,760
Texas avenue between Shenandoah and Victor streets	1,600
Female Hospital Grounds	1,250
City property in city block 2616	1,400
Ohio avenue between Arsenal and Wyoming streets	6,400
Allen avenue between 13th street and 2d Carondelet ave	5,600
Ann avenue between Jefferson and California aves	9,200
Liberty street between Lynch and Congress streets	500
Eichelberger street between Gravois ave. and point 2,000 feet west of King's highway	11,200
Park avenue east and west of Compton avenue	17,200
Keokuk street from Iowa avenue westwardly	2,450
Utah street between California and Nebraska avenues	4,200
Oregon avenue between Utah and Cherokee streets	13,500
North and south alley in city block 1538	8,550
East and west alley in city blocks 682 and 683	8,500
Alleys in city block 2605	1,250
Alleys in city block 2566	1,200
North and south alley in city block 1516	1,860
North and south alley in city block 1521	8,800
Total	110,580

Bringing these expenditures for street work together, we find the grand total to be:

For reconstruction of old streets	$923,496 83
For construction of new streets and alleys, including grading of streets and alleys preparatory to metalling and paving and cross-walks	189,239 11
Grand total	$1,112,735 94

That is to say, the City of St. Louis during the last year expended on her streets, viz.: for constructing new streets and for reconstructing old ones, over one million one hundred thousand dollars.

Of the new streets, the one of most importance and in which the public at large probably is most interested, may be noted the improvement, as a Park Drive, of Lindell avenue from a point 660 feet west of Grand avenue to Forest Park. The western section, viz.: from Boyle avenue to King's highway, was completed last fall, the remainder will be done probably in fifty days or less. To meet the public expectations, this avenue should be kept in first-class repair all the time; to do which a small force must be kept employed constantly, this work should also include sprinkling. It would be better if a specified sum of money was set aside every year expressly for this object. It is the one, and only fine drive to the suburbs within the limits of the city and it will redound to the credit of the city to maintain it properly.

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Such boulevards in most other cities, however, are maintained by special tax on an adjoining district expressly set apart and this expense does not fall on the treasury of the city. In consideration of the city treasury being relieved from this burden, the public are admitted to the street only under certain restrictions. Such traffic only is forbidden as would injure the metalling of the street, or which would be a nuisance to the residents on the street, etc.

Our citizens have many laudable projects for future boulevards. Grand avenue, for instance, from the river on the north, around by the Fair Grounds, Tower Grove Park, and Carondelet Park, on the south. King's highway from Forest Park to Tower Grove Park, as well as its extension north and south, and other highways; but these expectations cannot be realized, in my opinion, if the cost of construction and subsequent maintenance, or any considerable portion of these expenses are to be made a charge against the city treasury. The cost of these works in other cities, as I have said before, are not borne by the city at large, and, in my judgment, they never will be here, for the reason that our city's finances will never be able to meet the charge; hence, if we wait for the city to make our boulevards, our anticipations of fine drives will never be realized. To-day there is no provision of law which will save Lindell avenue boulevard from degenerating in a few years into a common macadamized street, with which we are all so familiar. So long as the law makes no distinction in the maintenance of streets, but all are kept up out of a general fund, the Street Department will hardly be permitted long to discriminate in repairs in favor of a particular street, especially when the fund for maintenance does not suffice for all at any time.

What is needed for the proper establishment and maintenance of boulevards or drives is a law permitting special taxes to be levied on property to be benefited. This can be done, I understand, through an amendment to our city charter. The amendment might fix by name the boulevards to be established and their location.

Continuing the comparison of the average cost of the different elements entering into the construction of our macadamized or Telford streets, and paved alleys, we have: —

	1880–81	1881–82	1882–83	1883–84	1884–85	1885–86	1886–87
Telford pavement, per superficial square	$ 8 15	$ 9 50	$11 33	$11 49	$11 42	.....	$10 47
Macadamizing, per square	5 30	4 92	6 72	7 09	7 02	$ 5 69	6 09
Guttering, per superficial square	11 90	14 23	16 29	16 59	15 65	14 47	15 17
Alley paving, per superficial square	11 55	13 98	17 21	17 84	15 52	13 59	13 31
Curbing, per lineal foot	34	45	46	47	46	.504	.514
Crosswalks, per lineal foot	1 33	1 50	1 87	1 71	1 64	1 96	1 57
Grading, per cubic yard	.1506	.255	30	27	.243	14	20

STREET BRIDGES AND CULVERTS.

The masonry of the approaches and of the anchor piers of the Grand Avenue Bridge have been completed. The former cost $43,144.44, and the latter $110,274.55. This includes the heavy iron work of the anchorage. Owing to meeting, unexpectedly, soft ground under the foundation of the south anchor pier, additional piling was driven to secure this ground, thereby increasing the cost of this pier some $8,000

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above the original estimate. The iron work was furnished by the Shiffler Bridge Works, of Pittsburgh, Pennsylvania.

The contract for the main piers was let last summer to John Bambrick, but to date only the concrete of the north main pier has been laid.

The contract for the foundation piers of the north and south viaduct of this bridge was let in January of this year to the same party, and the contract of the iron work of the north viaduct at the same time to the Wrought Iron Bridge Co., of Canton, Ohio. The foundation piers will it is hoped, soon be completed. The iron-work has made considerable progress in the shops.

Plans have been completed for the iron-work of the south viaduct, for the construction of which bids have been invited by public advertisement.

Detail plans for the superstruction of the main bridge are far enough advanced to have the work given in contract as soon as the money is provided.

Considerable work in repairs was done, this year, on the East Jefferson avenue bridge. Iron wheel-guards were substituted for the old wooden ones, the railing was reconstructed, and flooring of sidewalk and partial replacing of roadway pavement. This work is a great improvement over the former arrangement, and it places the bridge now in good shape.

Of miscellaneous repairs, the expenditures on floors of bridges in the new city limits and on stone culverts have been smaller than in former years. The great number of these bridges and culverts over our great area of new extended city limits entails annually and always will, a very heavy expense, to take care of them, and keep them in condition that they may not be hazardous to public travel.

STREET MAINTENANCE.

The expenditures, this year, for street repairs of all kinds were as follows: —

Macadam and top dressing	$143,166 85
Reconstructed Streets — Contract (wood and asphaltum)	6,028 73
Reconstructed Streets — Day labor (granite)	7,823 28
Crosswalks	8,414 85
Alley entrances	537 60
Curbs	2,551 77
Gutters	6,031 40
Pay-rolls — Salaries of Superintendents, Inspectors, Overseers, and Clerks	18,309 45
Pay-rolls — Day laborers spreading macadam, repairing streets and dirt roads, filling in washouts, repairing fences etc	68,142 34
Operating steam roller	445 12
Miscellaneous Expenses — Tools and materials, stationery, lumber, nails, etc	7,353 54
Total	$268,804 93

Prior to the adoption of the present city charter, the cost of repairing curbs and gutters was made a charge against abutting property as a special tax. By this means extensive repairs could be made every year, there was no restriction so long as repairs were needed. The fronting property owner then had an interest in protecting his curbing from unnecessary bad usage, and was watchful to see that timely repairs were made in the guttering. This is all changed since the city assumed the

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cost of these repairs. In the first place, we have not got the watchful eye of the citizen to protect our curbing and guttering; so long as his pocket is not directly affected, he takes but little note of this matter, so that we are quite a loser in this direction, and the city not being able to meet the additional cost imposed by the charter, the volume of work to be done in repairing curbing and guttering has gone on increasing from year to year, till now the sum of $200,000 is required alone on this kind of work. It will be noted in the above table, how small an amount was expended for this purpose, only a little over $8,000, during the last year, and not quite so large a sum the year before. We have made some gain through reconstruction, as in every instance the curbing on a reconstructed street has been overhauled and all defective curbing removed.

Close attention is given to keeping the granite pavements in first-class shape; when any repairs are needed, they are attended to as soon as noted, if possible. It is only by following this practice closely, that the roadway can be kept in good condition for travel, besides it is economy in the long run.

Nearly all the work done now on the granite pavements is in restoring the surface where depressions arise over plumber's cuts and from weakness developed in the subgrade, or caused by leaking waterpipes, and similar causes. But little work so far is needed arising from wear of the stones; except in those pavements laid in 1880 by the city, when through inexperience some poor stones were laid,— most of this work will have to be gone over.

The wood block pavements (new system) have required no repairs this year, other than those necessary to restore plumber's cuts. They are still in good shape and look well, the wear on the edges of the block, which was noted last year, has increased somewhat. It was thought last fall, on removing several blocks, that a fungus growth was observed, indicating the commencement of decay. This will soon develop itself if rot has begun. These pavements have now been laid nearly three years.

The asphaltum pavements, on the contrary, have required the constant attention of the contractor, resurfacing the worn places. There is something radically wrong, either in the material or manner of laying these pavements in St. Louis. They have not fulfilled the promises made for them, or what was expected of them, judging them by what had been observed in other cities. Any further extension of these pavements, unless solicited by property owners, cannot, at the present speaking be advised.

CLEANING.

The cleaning of macadamized streets and paved alleys was conducted during the year as in former years, by day labor, the work being applied whenever and wherever it was thought it would be most beneficial or most necessary.

The daily average of men employed, Sundays excluded, during the the year was 146 and 57.3 carts, per day. The total expenditure on this account was $114,350.

A new dumping boat for street scrapings was recently put into operation at the foot of Mullanphy street, making three in all. I shall make estimate for the construction of another one this year.

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The cleaning of snow and slush during the winter months, from our principal streets in the business portion of the city, is attended with considerable expense, owing to the restrictions imposed in dumping material on the river front, when the dumping boats cannot be operated on account of ice. In former years, snow falling on the streets was permitted to remain until it melted and was carried off through the sewers; of course it followed that our business streets, all during a winter, presented a very untidy and sometimes filthy condition. Since our streets have been paved an effort has been made to give them more attention during the winter months, and additional means have been provided to do this work. This was done in consideration of the heavy burden put upon property owners to repave the street. To do this work with the best economy, however, we must have short hauls for our carts, and this is only attainable by using the river front for depositing the sweepings.

In addition to the expenditures made for cleaning macadamized streets, the paved streets were also cleaned by machines under contract. The total area swept was 4,129,920 squares of 100 superficial square feet, at a cost of $26,415.33. When the weather prevented the use of machine brooms, which was the case most of the winter, manual labor was employed. A portion of this work was done under contract, provisions having been made for work of this character in the contract for sweeping. The contractor received for this work $5,452.82. In addition to this again, the city, at different times after a heavy fall of snow, would put on a large force of men, in the central part of the city, to expedite the work of removing the snow. For this labor there was expended $15,034.43.

STREET LIGHTING.

The number of street lamps burning at the end of this fiscal year were: —

St. Louis Gas-Light Co.	4,193
Laclede Gas-Light Co.	3,477
Carondelet Gas-Light Co.	642
Gasoline lamps (contract with Ohio Valley Street Lighting Co.)	483
Total	8,795

There were erected during the year: —

By St. Louis Gas-Light Co	165
By Laclede Gas-Light Co.	115
By Carondelet Gas-Light Co	1
By Ohio Valley Street Lighting Co. (Gasoline lamps)	125
Total	406

Reference is invited to the accompanying report of Mr. Rauschenbach, Assistant Street Commissioner, and accompanying documents and tables.

Respectfully submitted,

JNO. W. TURNER,
Street Commissioner.

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REPORTS AND TABLES ACCOMPANYING REPORT

—OF—

STREET COMMISSIONER.

REPORT OF ASSISTANT STREET COMMISSIONER.
REPORT OF INSPECTOR IN CHARGE OF SPECIAL TAX REPAIRS.
REPORT OF CLERK IN CHARGE OF EXCAVATION PERMITS.

CONSTRUCTION OF STREETS AND ALLEYS.

Table No. 1 — Showing work completed.
" " 2 — Showing work under contract and in progress.
" " 3 — Showing work authorized by ordinance but not under contract.

RECONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE.

Table No. 4 — Showing work completed.
" " 5 — Showing work under contract and in progress.
" " 6 — Showing work authorized by ordinance, but not under contract.

RECONSTRUCTION OF STREETS AND ALLEYS WITH WOOD.

Table No. 7 — Showing work completed.
" " 8 — Showing work authorized by ordinance but not under contract.

STREET BRIDGES AND CULVERTS.

Table No. 9 — Showing work completed and in progress.

Table No. 10 — Statement of streets maintained by contract.
" " 11 — Statement of the length and cost of the reconstruction of streets since 1869.
" " 12 — Statement of work done in numbering houses.
" " 13 — General information.

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REPORT

OF

ASSISTANT STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, April 22, 1887.

Gen. John W. Turner, Street Commissioner:

DEAR SIR — I herewith respectfully submit to you a report of the field and office work performed by the employes of the Engineer and Drafting Department during the last fiscal year.

SURVEYS.

Surveys were made for the opening of the following streets and alleys, viz.:—

STREETS.	Length of Lines Measured — Feet.
Hickory street, between Mississippi ave. and Armstrong ave.	5,694
Whittier street, between Finney ave. and Lindell ave.	24,026
Cabanne avenue, between Hamilton ave. and Hodiamont ave.	10,986
Twentieth street, between Lucas ave. and Washington ave.	1,596
Billon avenue, between Berthold ave. and Clayton Road	1,866
Texas avenue, between Arsenal street and Crittenden street	2,676
Henrietta street, between California ave. and Nebraska ave.	4,332
Clemens avenue, between Clara ave. and Belt ave.	5,478
Fall avenue, between North Market street and Montgomery street	3,384
Cottage avenue, between Taylor ave. and Marcus ave.	11,004
Twenty-Third street, between North Market street and Madison street	3,420
Indiana avenue, between Arsenal street and Crittenden street	2,712
Illinois avenue, between Winnebago street and Broadway	3,516
High street, between Lucas ave. and Franklin ave.	4,974
Bellefontaine road, now Eleventh street, between Branch street and Thirteent street	5,034
Nebraska avenue, between Park ave. and South Broadway	54,564
Bremen avenue, between Twenty-Fifth street and Natural Bridge road	7,032
North Market street, between Elliot ave. and Garrison ave.	10,266
Total	162,560 or 30.79 miles.

ALLEYS.

East and west alley in city blocks Nos. 1,973, 1,974, 1,975	6,732
East and west alley in city block No. 1,285	4,278
East and west alley in city block No. 1,284	4,278
East and west alley in city block No. 486	1,686
North and south alley in city block No. 821 S	1,338
East and west alley in city block No. 1,520	1,500
North and south alley in city block No. 1,520	3,234
North and south alley in city block No. 695	2,532

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East and west alley in city block No. 2,131	4,332
East and west alley in city block No. 2,132	4,332
East and west alley in city blocks Nos. 2,133, 2,136	4,332
East and west alley in city blocks Nos. 1,330, 1,331 S	4,374
North and south alley in city blocks Nos. 646, 647	3,654
North and south alley in city block No. 1,193	3,204
East and west alley in city block No. 2,302	2,340
East and west alley in city block No. 2,481	3,666
East and west alley in city block No. 3,309	3,606
Southern east and west alley in city block No. 1,339	2,340
East and west alley in city block No. 1,060	4,330
North and south alley in city block No. 2,398	3,270
East and west alley in city block No. 4,584	9,510
Total	79,368
	or 15.03 miles.

PRELIMINARY SURVEYS FOR OPENING.

	Feet.
Rappahannock street, between Michigan ave. and Grand ave.	13,452
Eleventh street, between Buchanan street and Dock street	1,330
East and west alley in city block No. 1,284	1,780
East and west alley in city block No. 1,285	1,780
Total	18,342
	or 3.57 miles

Surveys for miscellaneous purposes were made as follows:—

	feet.
Location of R. R. tracks between Chouteau ave., Manchester Road and west of Grand avenue	26,150
Location of First street and I. M. R. R. tracks between Lesperance street and Barton street.	34,300
Location of streets and property lines in Districts between Ferry street, Yeatman's and Holmes' Addition, Hall street and First street.	10,420
Total	70,870
	or 13.42 miles.

For removing obstructions from public highways, surveys were made of 23 different streets and alleys.

LEVELMENTS.

Levels were taken of streets within following Districts:—

FOR ESTABLISHING GRADES.

	Distance in feet.
District bounded by Duncan ave. New Manchester Road, Cabanne st. and King's Highway	98,985
District bounded by 2d Carondelet ave., Jefferson ave., Geyer ave. and Shenandoah street.	19,610
District bounded by Eleventh street, Nineteenth street, Bremen avenue and Penrose street	5,397
District bounded by Hamilton avenue, Hodiamont avenue, Delmar ave. and Maple ave	16,204

FOR ESTABLISHING BENCH MARKS.

District bounded by Union ave., Hamilton ave., Delmar ave. and Page ave	20,663
Total	160,859
	or 30.46 miles.

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GRADES.

Grades of streets and alleys were established by four different ordinances prepared by this Department at 160 points, and 2 other ordinances are now ready to be submitted to the Assembly to establish the grades at 74 additional points.

GENERAL DRAFTING WORK.

OPENING STREETS AND ALLEYS.

Sixteen maps of street openings and 23 maps of alley openings were constructed from actual surveys, and tracings thereof furnished to the City Counselor for the use of the Commissioners. Seventeen maps of different street openings were extended at the request of the Commissioners for the assessment of benefits. Thirty-six drafts of ordinances with plats for proposed openings and vacation of streets and alleys were prepared in conformity with the recommendation of the Board of Public Improvements.

ADDITIONS AND SUBDIVISIONS.

Forty-two copies of additions and subdivisions filed at the Office of the Recorder of Deeds were entered upon the books of this office, and 88 tracings of other subdivisions were made for future entry on our books. Twenty-one maps of new additions referred to the Street Commissioner, were examined as to their conformity with the city plan, and copies of same were entered upon our records.

CITY MAPS.

The official City Maps, the atlas of the location of Gas Lamps, and the house number atlas were posted up to date. The work on the set of plat books for the record of grades, bench marks, field notes and other valuable information, is progressing favorably, and one volume containing 60 maps of a part of the territory of the extended new limits lying west of Grand avenue and between Chouteau avenue and Natural Bridge Road, has been entirely finished.

OBSTRUCTIONS OF HIGHWAYS.

Twenty-three plats of streets and alleys obstructed by fences, houses, sheds, etc., were constructed from actual Surveys, and tracings of each plat were furnished to the City Counselor for the use of the City Marshal.

MISCELLANEOUS PLATS, ETC.

Five plats were constructed at the request of the City Counselor and tracings were furnished to be used in court as evidence in lawsuits. One hundred and sixteen sketches for the location of proposed gas and gasoline lamps, and 19 maps of streets at a scale of 200' to 1" showing the location of gasoline lamps erected.

PLATS FOR STREET AND ALLEY IMPROVEMENTS PETITIONED FOR.

One hundred and forty-one plats of streets and alleys, with profiles, grades and estimates of cost of proposed improvements were made and submitted to the Board of Public Improvements in response to petitions from property owners, 16 plats for proposed street openings, and 5 plats for proposed alley openings.

The total estimated cost of the above mentioned improvements were $724,453 that is $359,471 to city, and $364,982 to property owners.

RECONSTRUCTION OF STREETS.

Twenty-six plats of street proposed to be reconstructed were prepared with estimated cost, and laid before the Board of Public Improvements, representing a length of 5.67 miles, and a cost of $57,587.00 to city, and $466,422.50 to property owners.

Thirty-eight plats of different other streets needing reconstruction, representing a length of 9.45 miles at an estimated cost of $196,502.00 to city, and $865,368.00 to property owners, were made and are ready for future consideration.

Twelve other plats of so many different streets have been constructed, and estimates of the probable cost of their reconstruction will be made at an early date.

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STREET LIGHTING.

GAS LAMPS.

The office records of street lamps were posted up to date. The number of lamps erected during the past year were as follows: —

By St. Louis Gaslight Co	165
By Laclede Gaslight Co	115
By Carondelet Gaslight Co	1
Total	281

Total number erected and burning at this date, 8,312.

GASOLINE LAMPS.

Number of gasoline lamps erected during the past year, were 125.
Total number erected and burning at this date, 483.
The streets lighted by gasoline lamps are: .

	Distance in feet.	Number of lamps erected.	Average distance between lamps — feet.
Gravois avenue	17,000	50	340
Loughborough avenue	9,600	20	480
Morgan Ford Road	7,050	22	320
Meramec street.	580	3	193
Chippewa street	1,640	11	150
Manchester Road	17,450	70	250
Park avenue	1,560	9	173
Boyle avenue	930	6	155
Vista avenue	720	5	144
Clayton road	5,480	10	548
Park road	2,880	18	160
Union avenue	5,720	40	145
Easton avenue	6,600	42	157
Marcus avenue	370	3	123
Taylor avenue	3,500	11	318
Newstead avenue	1,280	7	183
Goode avenue	1,560	10	156
Natural Bridge road	10,270	51	201
North Broadway	20,100	95	212
Total.	114,290	483	236

Or, 21.64 miles.

TELEGRAPH POLES.

The record books of telegraph poles were posted up to date.

Number of poles erected during the past year	983
Number of arms	894
Number of wires	200
Total number of poles erected up to date	9,492
Total number of arms	18,068
Total number of wires	89,424

HOUSE NUMBERING.

The following field and office work was performed during this fiscal year: —

SURVEYS.

Surveys were made of the location of all the houses situated within the extended new limits north of Arsenal Street, and of all those houses within the limits of 1855 and 1870, where information was obtained that existing numbers were incorrect.

MAPS.

Fourteen maps at a scale of 100 feet to 1 inch were constructed, representing the territory bounded by Arsenal Street, Grand avenue, Mississippi river and

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the city limits of 1876, and were copied into four plat books, forming a part of the Records of this Office.

Seventy-four plats at a scale of 50 feet to 1 inch, showing location of houses and the names of their owners, were constructed for the purpose of correcting erroneous numbers.

NUMBERING HOUSES SITUATED IN THE SUBURBS.

All the houses located in the District north of Arsenal Street and west of King's Highway, embracing Cheltenham, Benton, Rose Hill, Rinkleville and Baden, were numbered and the necessary tin plates with the respective numbers marked thereon were furnished and put up by the employees of this department.

GENERAL REMARKS.

The work yet to be done in order to complete the records of this office necessary for a regular and correct system of house numbering throughout the whole territory of this City, is as follows:

A survey is needed of the district lying south of Arsenal Street and west of the city limits of 1855 and 1870. All houses in said district have to be numbered.

All the house numbers now existing and which were put up before 1883, the time when our present system of records was inaugurated, within the old City limits of 1855 and 1870, have to be examined, and, where necessary, to be corrected.

Respectfully,

A. RAUSCHENBACH,
Assistant Street Commissioner.

REPORTS OF

Inspector in charge of Special Tax Repairs

AND

Clerk in charge of Excavation Permits.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, April 11, 1887.

To Gen. John W. Turner, Street Commissioner:

DEAR SIR — Herewith I respectfully submit to you a report of work performed by the special tax branch of the Street Commissioner's Department during the fiscal year ending this day, viz.:

The following number of official notices have been sent to property owners or their agents.

To repair sidewalk pavement	1,386
That part of building extended beyond the building line	32
That alley pavement required repair	374
To Railroad Companies to repair their tracks (in duplicate)	76
Informations filed in Police court	35
Total	1,903

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VIOLATION OF ORDINANCES AND OBSTRUCTIONS.

Two hundred and twenty-eight (228) special letters have been written regarding obstructions and dangerous places, in alleys and sidewalks, directing the attention of the owners or their agents to same.

These have all been attended to and the necessary repairs made or obstruction removed as the case required.

ORDERS TO CONTRACTORS.

Six hundred and forty (640) orders have been made out for repairs of sidewalks and alleys.

SIDEWALKS.

The sidewalks repaired by the property owners, after notice having been served and by the contractors in cases where owner failed to make such repairs, aggregate four hundred and sixteen thousand six hundred and ninety-seven (416,697) square feet, of which thirty (30) per cent was done by the contractors.

NEW SIDEWALKS.

	Square Yds.
Geyer avenue, between Pennsylvania and Minnesota avenues	339.10
Penn street, between Liberty and Gambria streets	596.46
Eighth street, between Ann and Russell avenues	226.34
Louisiana avenue, between Russell and Geyer avenues	767.97
Sidney street, between First and DeKalb streets	486.37
Missouri avenue, between Shenandoah street and Ann avenue	1,028.99
Devolsey street, between Beauty alley and Gravois avenue	97.30
Adams street, between Montrose and Compton avenues	575.80
Channing avenue, between Franklin and Florissant avenues	675.09
Cook avenue, between Spring and Prairie avenues	157.17
Clark avenue, between Ranken and Theresa avenues	566.46
Caroline street, between Ewing and Cardinal avenues	425.68
Cabanne avenue, between alley and Lindell avenue	148.02
Cabanne avenue, between Lindell avenue and Olive street	561.64
Eads avenue, between Todd and Compton avenues	1,155.13
Page avenue, between Spring avenue and Prairie avenue	585.03
Bacon street, between Montgomery and N. Market streets	771.00
Nineteeeth street, between Cass avenue and Mullanphy street	144.29
Howard street, between Twenty-fifth street and Jefferson avenue	668.75
Rauschenbach avenue, between St. Louis avenue and Hebert street.	775.03
Palm steeet, between Blair avenue and Nineteenth street	226.35
Cozens avenue, between Grand and Spring avenues	634.28
Total Square Yds.	11,612.25

The area of new sidewalks constructed, and that of the repairs on old sidewalks done by owners and contractors, is equivalent to a continuous pavement six feet wide and sixteen miles long.

ALLEYS REPAIRED.

There were twenty-five (25) alleys repaired, making a total number of one thousand and sixty and sixteen hundredths (1060.16) squares of one hundred superficial feet.

STONE AND COMPOSITION SIDEWALKS.

During the past year, thirty-nine thousand one hundred and eleven (39,111) square feet of stone and composition sidewalks have been laid by the property owners, about four fifths (⅘) of which have been laid in what is known as the "Flagstone District" embraced in Ordinances Nos. 12,897 and 13,290.

Respectfully submitted,

STEPHEN VON PHUL,

In charge of Special Tax Repairs.

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OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, April 7, 1887.

General Jno. W. Turner, Street Commissioner:

DEAR SIR—I respectfully submit the following as my annual report for the fiscal year ending March 31, 1887:—

During the year I have issued five thousand two hundred and forty-six (5,246) permits for making street and alley excavations, and made out daily a list of these permits to the District Superintendents.

I have issued one (1) permit for laying branch tracks, three (3) permits for erecting platform-scales, twenty-three (23) permits for putting in guy posts for building purposes, three (3) permits for laying drains, and one (1) permit for erecting safety gates.

Two thousand one hundred and ninety-seven dollars and sixty-one cents ($2,197.61) has been expended in refilling ditches where the work was improperly done by the plumber, or for repairing Granite, Telford, Wood-block and Asphalt pavements where connections or repairs were made and one thousand and ninety-four dollars and twenty-five cents ($1,094.25) has been expended for inspection services for excavations made in streets under re-construction or in "other than macadamized street or paved alley" in accordance with provisions of Sec. 5, Ordinance 11,876.

At the beginning of this fiscal year, one hundred and seventy-four (174) deposits of twenty-five ($25.00) dollars each were on hand, during the year forty (40) new deposits were made, forming a total of two hundred and fourteen (214), of which twenty-three (23) have been withdrawn, leaving a balance of one hundred and ninety-one (191) deposits on hand, one deposit of twenty-two dollars and seventy-five ($22.75) cents, one of thirty ($30.00) dollars, nine of fifty ($50.00) dollars, one of seventy-five ($75.00) dollars, one of one hundred ($100.00) dollars, one of five hundred ($500.00) dollars and one under Ordinance No. 13,495 of one thousand ($1,000.00) dollars were made.

One deposit of two hundred ($200.00) dollars was made in accordance with Ordinance 12,852—one of five hundred ($500.00) dollars, and seven of two hundred and fifty ($250.00) dollars, the latter were made for grading streets by private parties, required by Ordinance 13,056—these were withdrawn when their time expired, also one of fifteen dollars and eighty-five ($15.85) cents and one of nine dollars and ten ($9.10) cents were withdrawn.

There were eight hundred and nineteen (819) letters sent during the year, such as notices to inspectors to superintend the refilling of trenches in Wood-block, Granite, Telford and Asphalt pavements, notices to plumbers to make good their deposits, and letters to the Auditor and Comptroller asking for transfer of credits to fund.

Respectfully submitted,

WM. H. BARRON,
In charge of Excavations, etc.

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Work.	Appropriation.	Am'ts certified previous to April 12, 1886.	Am'ts certified from Apl. 12, '86 to April 11, 1887.	Total am't certified to April 11, 1887.	Unexpended balance covered into the Treasury.
.....	$2,798 00	.....	$2,751 52	$2,751 52	$ 46 48
n and crosswalks..	1,166 11	.....	1,166 11	1,166 11	.....
.....	2,760 00	$803 25	910 35	1,713 60	1,046 40
.....	870 00	.....	469 00	469 00	401 00
.....	500 00	291 60	207 00	498 60	1 40
.....	500 00	....	486 75	486 75	13 25
n and crosswalks.	671 00	.....	566 63	566 63	104 37
nd crosswalks....	895 00	.....	636 40	636 40	258 60
nd crosswalks....	940 00	.....	591 68	591 68	348 32
nd crosswalks....	765 00	.....	401 54	401 54	363 46
nd crosswalks....	946 00	.....	418 80	418 80	527 20
nd closswalks....	736 00	.....	509 25	509 25	226 75
nd crosswalks....	1,086 00	.....	703 03	703 03	382 97
nd crosswalks....	842 00	....	397 98	397 98	444 02
nd crosswalks....	1,360 00	.....	1,064 72	1,064 72	295 28
le, gravel.....	910 00	.....	755 15	755 15	154 85
le, gravel.....	865 00	.....	729 50	729 50	135 50
le, gravel.....	860 00	.....	740 00	740 00	120 00
le, gravel.....	700 00	.....	679 25	679 25	20 75
et.....	938 07	.....	885 96	885 96	52 11
.....	1,500 00	.....	1,499 93	1,499 93	07
.....	2,500 00	.....	2,128 00	2,128 00	372 00
nd crosswalks....	326 00	... .	273 20	273 20	52 80
nd crosswalks....	862 00	.....	648 97	648 97	213 03
.....	390 00	.....	266 70	266 70	123 30
.....	760 00	.....	462 00	462 00	298 00
.....	1,500 00	.....	1,500 00	1,500 00	.....
....	500 00	.....	499 80	499 80	20
n and crosswalks..	1,058 00	.....	724 81	724 81	333 19
nd crosswalks.....	1,136 00	.....	1,103 52	1,103 52	32 48
nd crosswalks....	158 00	.....	99 56	99 56	58 44
nd crosswall s....	643 00	.....	521 56	521 56	121 44
nd crosswalks....	286 00	.....	273 90	273 90	12 10
nd crosswalks....	49	.....	487 50	487 50	6 50
nd crosswalks....	87	.....	673 23	673 23	198 77
nd crosswalks....	2,390	.....	1,783 88	1,783 88	606 12
.....	1,000 00	.....	999 89	999 89	11
.....	540 00	189 00	198 45	387 45	152 55
.....	506 00	.....	229 16	229 16	276 84
.....	105 00	.....	86 00	86 00	19 00
.....	897 00	.....	347 07	347 07	549 93
.....	230 00	....	202 24	202 24	27 76
....	172 00	.....	78 56	78 56	93 44
.....	330 00	.....	320 70	320 70	9 30
.....	257 00	.....	151 00	151 00	106 00
.....	210 00	.....	171 20	171 20	38 80
.....	804 00	.....	651 13	651 13	152 87
.....	504 00	.....	350 00	350 00	154 00
.....	2,400 00	.....	1,667 00	1,667 00	733 00
....	334 00	.....	190 00	190 00	144 00
.....	99 00	.....	36 44	36 44	62 56
.....	261 00	.....	201 60	201 60	59 40
.....	165 00	....	130 00	130 00	35 00
.....	925 00	.....	497 52	497 52	427 48
.....	261 00	.....	187 25	187 25	73 75
.....	110 00	.....	110 00	110 00	.....
.....	424 00	.....	211 50	211 50	212 50
.....	249 00	.....	127 50	127 50	121 50
.....	128 00	.....	74 00	74 00	54 00
.....	60 00	.....	48 00	48 00	12 00
.....	63 00	.....	38 00	38 00	25 00
.....	458 00	.....	270 97	270 97	187 03
.....	250 00	.....	144 25	144 25	105 75
.....	614 00	.....	540 24	540 24	73 76
.....	287	.....	230 81	230 81	56 19
.....	132 00	.....	110 90	110 90	21 10
.....	232 00	.....	108 00	108 00	124 00
....	299 00	....	229 94	229 94	69 06
.....	500 00	.....	499 80	499 80	20
.....	$50,289 18	$1,283 85	$37,456 30	$38,740 15	$11,549 03

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ANNUAL REPORT

OF THE

PARK COMMISSIONER

FOR THE FISCAL YEAR ENDING APRIL 11TH, 1887.

OFFICE OF THE PARK COMMISSIONER,
CITY HALL, April 12, 1887.

Hon. D. R. Francis, Mayor of St. Louis:

SIR — I have the honor hereby to lay before you my annual report showing the activity and the receipts and expenditures of the Park Department during the fiscal year ending April 11th, 1887.

GENERAL REMARKS.

The great complaint of this Department is still an insufficiency of funds to undertake and carry out such new improvements as are demanded by the general progress of our city. While it is true that the appropriations in the last few years have been slightly larger than previously, still it must be remembered that with the increasing numbers of visitors to our parks from year to year the cost of keeping them is naturally also increased. But, besides this normal increase, new features are being added to the park system which demand an enlarged outlay of public funds. Thus in the past year ordinances have been passed extending St. Louis Place through the old Benton street Reservoir grounds; also, one placing a strip 50 feet wide of Forest Park Boulevard to be planted with trees and shrubbery, in charge of the Park Commissioner, and another to plant Lindell Avenue, from Forest Park to Grand Avenue, with shade trees (for which, however, an appropriation of $500.00 was made).

DRIVING PARKS.

The Driving Parks are much in need of a thorough reconstruction of their drives and roadways, and some new addtional drives should be constructed to give the public a chance for more extended use in bad weather. Especially is this true of Forest Park, in which the main drives, which were originally constructed somewhat too flat, are now so much worn in the middle as to be concave instead of convex. In other respects these parks are flourishing, as the shade trees along the roadways and, in fact, all the recently planted clumps of trees and evergreens are growing magnificently.

The facilities for reaching them are also being much improved.

BOULEVARDS.

It is very encouraging that the matter of establishing a fine system of boulevards is at present receiving a great deal of attention. As early as 1879–80 I took the liberty of referring to this subject in my annual report in the following language: —

"Besides the gradual improvement of our large parks the establishment of proper connecting drives and boulevards is a subject which now demands consideration.

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"Many projects of this kind have already been discussed and partially started, but without being carried to completion. It is to be hoped that the condition of the City's finances will soon be such as to permit of an aggressive movement in this direction."

Among the most important legislative action in this connection is the following: Ordinance No. 13,871, to establish and open King's Highway from the south line and its eastern straight linear continuation of Forest Park to Arsenal street, approved Jan. 29, 1887.

Ordinance No. 13,936, to set aside the central 50 ft. in width of Forest Park boulevard from Grand av. to King's Highway for park purposes and to establish the width of the sidewalks and carriage drive of said Boulevard, approved March 15, 1887;

Ordinance No. 13,975, to provide for planting shade trees on Lindell Avenue, approved April 1st, 1887.

This is but a beginning, which will however undoubtedly soon be followed by similar improvements on an even more extensive scale in other parts of the city.

SMALLER PARKS.

The smaller parks are all in quite satisfactory condition and require no extraordinary appropriations, except that some still surrounded by picket fences to prevent the incursion of cattle as well as human depredators, need a renewal of the same. Whenever practicable boating is allowed for a moderate compensation, which is turned into the city treasury quarterly, and in winter, skating on the icy surface is freely indulged in.

The walks in the more frequented parks should be of stone flagging or good concrete, at least twelve feet in width, and improved water-closets are also very much needed in nearly all.

NURSERIES.

The chief nursery is located in Forest Park, from which place many thousand trees are taken annually to replace those dying out in all the parks as well as for new plantings. Upon the order of the Mayor the public institutions have also been provided with healthy young trees whenever required.

The greenhouses in Benton and Hyde Parks furnish all the required ornamental border and flowering-plants for the other parks except such special varieties as have to be obtained by requisition on the Commissioner of Supplies.

PICNICS.

To show how much the parks are growing in public favor it is but necessary to call attention to the increasing number of picnics held in them from year to year.

The number of permits granted to schools, societies and other parties to hold picnics in the large parks last year amounted to 164, distributed as follows, to wit: —

Forest Park	126
O'Fallon Park	28
Carondelet	10
Total	164

STATE FISH HATCHERY.

The State Fish Commission under the efficient direction of Dr. I. G. W. Steedman, its Chairman, has made a great success of the propagation and free distribution within the State of German carp spawned in the lakes of Forest Park, and has felt encouraged to construct additional ponds to be devoted to the propagation of bass and croppies.

STREET SPRINKLING.

I must again protest against the injustice of making the parks with their exceedingly limited appropriations pay for the sprinkling of the surrounding

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streets. The cost of such sprinkling should be paid for out of the same fund that sprinkling the streets around the city buildings, markets, etc., is paid. The Park Commissioner's authority ends with the building line and it is unjust to impose this burden upon the Park Department, which, however, it has been obliged to carry in self-protection, as dusty parks are neither ornamental nor conductive to recreation.

CONCLUSION.

In conclusion I would call attention to the fact that the lateness of making the annual appropriations constitutes the chief drawback to the successful operation of the park department, as the old appropriations are ordinarily exhausted in the spring of the year when most of the park work should be undertaken, and there is at that time no certainty how much money will be appropriated for required improvements. It would, therefore, be a great advantage to have the fiscal and calendar years correspond, thus allowing the appropriation to be made before the spring opens.

I take this occasion to thank his Honor Mayor Francis and the other city officials and especially President Flad, and my co-members of the Board of Public Improvements for their uniform courtesy and ready assistance in our official intercourse.

My thanks are also due to Mr. E. G. Eggeling, General Superintendent of Parks, and Mr. Eugene Hass, Clerk of the Park Commissioner, for their long and faithful services in connection with my management of the Park Department.

Also please find appended hereto a statement of the total cost of all the parks in the City of St. Louis.

TOTAL COST OF ALL PARKS IN ST. LOUIS.

PARKS IN CHARGE OF THE PARK COMMISSIONER.

NAME.	Area in Acres.	How and When Acquired.	Cost of Purchase.	Improvements and Maintenance.	Total Cost.
Benton Park	14.30	From city commons..1866	.....	$68,555 43	$68,555 43
Carondelet Park, o. l.	3.17	From city commons..1812	.....	3,011 86	3,011 86
Carondelet Park, n. l..	180.00	By purchase.....1875	$140,570 10	121,596 13	262,166 23
Carr Square	2.36	By donation.....1842	.....	43,046 93	43,046 93
Exchange Square	12.86	By donation.....1816	.....	17,633 43	17,633 43
Forest Park	1,371.94	By purchase 1874	849,058 61	695,545 65	1,544,604 26
Gamble Place	1.15	Donated by city.....1874	.....	11,562 96	11,562 96
Gravois Park	8.26	From city Commons..1812	.....	24,359 65	24,359 65
Hyde Park	11.84	By purchase 1854	36,250 00	87,118 61	123,368 61
Jackson Place	1.62	By donation.....1829	.....	25,137 72	25,137 72
Laclede Park	3.17	From city commons..1812	.....	16,564 84	16,564 84
Lyon Park	10.92	U. S. donation.....1872	.....	22,281 52	22,281 52
O'Fallon Park	158.32	By purchase.....1875	259,065 35	228,244 60	478,309 95
St. Louis Place	10.80	By donation.....1850	.....	86,265 16	86,265 16
S. St. Louis Square	1.66	Donated by city.....1882	.....	2,548 98	2,548 98
Washington Square	6.00	By purchase 1840	25,000 00	70,477 17	95,477 17
Total	1,798.37		$1,309,944 06	$1,523,950 64	$2,824,894 70

PARKS IN CHARGE OF SPECIAL COMMISSIONERS.

Lafayette Park	29.95	From city commons..1844	.....	380,236 60	380,236 60
Tower Grove Park	266.76	From cond'l donation 1868	.....	715,390 06	715,390 06
	2,095.07		.....	$2,619,577 30	$3,920,521 36

I also append hereto a description of the several parks, together with a detailed statement of the receipts and expenditures of each, and likewise a tabular statement of the total cost of all the parks belonging to and maintained by the city of St. Louis.

Respectfully submitted,

EUGENE F. WEIGEL,
Park Commissioner.

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PUBLIC PARKS AND PLACES.

BENTON PARK

was formerly the city cemetery and is situated between Jefferson avenue and Arsenal street, Missouri avenue and Wyoming street, and has an area of 14.30 acres. The advantages offered by its undulating surface have been well improved and it is now confessedly one of the most beautiful attractions of the city. The former keeper, H. A. Bohne, died last January and Mr. George Berberich has been appointed in his place. The monument erected by the citizens to the memory of Col. Fred. Hecker in 1882 is situated in this park; it also contains a good house for the keeper, fine green house and several good row boats for the pleasure of visitors.

CARONDELET PARK,

old limits, is an unimproved tract of land containing a little more than three acres picturesquely stowed away in sink holes. It is an almost valueless remnant of the old city commons, and the time for its development has not yet arrived.

CARONDELET PARK,

new limits — containing 180 acres and extending about one mile westwardly from Ninth street in South St. Louis, between Kansas avenue and Loughborough avenue, is developing finely and will soon be a favorite resort.

The St. Louis, Oak Hill and Carondelet Railway Co. received authority from the Municipal Assembly to run through this park along Glaize creek, and is now actively engaged in the construction of its road, including a fine Boulevard bridge over the main drive leading in from Kansas avenue.

This park was established by the act of the General Assembly of Missouri in 1875.

CARR SQUARE

lies between East and West Sixteenth street and Wash and Carr streets, covering 2.36 acres.

It is much frequented and is surrounded by a high iron fence, which has been permitted to remain there at the special request of the citizens residing in the neighborhood. It was donated to the city in August, 1842, by William C. Carr, "to be forever used as a square."

EXCHANGE SQUARE.

Containing 12.86 acres and situated between Warren, Clinton, First street and the Wharf, was formerly a conglomeration of low ground and unhealthy ponds, which have been filled during its connection with the Park Department. By virtue of Ordinance No. 13,876, approved February 8, 1887, it has been placed in charge of the Harbor and Wharf Department and will therefore no longer be carried as a park.

FOREST PARK.

The largest of our public parks covers an area of 1,372 acres, and is chiefly, as its name implies — a natural forest — lying a little more than four miles west of the Court-house and extending thence westwardly two miles by a breadth of a little more than one mile. The land was acquired by condemnation under authority of an act of the General Assembly of the State of Missouri passed in 1875, in which provision was made for its maintenance by an annual special tax to be levied by the County Court; but the adoption of the scheme and charter unfortunately left this park dependent upon the regular municipal revenue for its support, which ordinarily is so drained by the needs of other departments that but little is left for ornamental purposes.

The improved drives are now more than ten miles in length, while the summer roads aggregate a length of more than thirteen miles, besides a race course of a full mile. Steps should soon be taken to relocate that portion of the Clayton Road which is in the park, and is still a public highway, outside of the park so as to have all the roads and drives under the supervision of the Park Commissioner. There are ten bridges in the park, two of which are now perma-

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nently reconstructed of stone and iron, and three have been rebuilt so as to last for many years. Those next in order for reconstruction are bridges No. 3 and 7, the latter of which however can be well replaced by a stone archway of double the width of the present bridge, being near the main entrance from Union Avenue. Bridge No. 5, one of the most centrally located, was reconstructed this year by Stupp Brothers at a cost of $7,974.50, and will last for all time. The extension of the city's water system to King's Highway and Lindell Avenue has been a great benefit, as formerly the water for sprinkling purposes had to be hauled 1½ miles, but for further good effect, it will be necessary to connect the pipes feeding the fountains in the lakes also therewith, as the spring furnishing the water supply is constantly decreasing in volume of water, and the fall from Kings Highway would be sufficient to run the fountains without the aid of the present pumping engine. But even with these facilities more money must be appropriated to lay the dust on the drives and make the park enjoyable during our long hot summer.

The improved facilities for reaching the park by the Forest Park, Laclede Avenue and Fourth Street Railway Co. have brought thousands of people to the park who had never been there before, but it is imperatively necessary that some mode of cheap and more rapid transit be provided, as the railroads passing there have not been very liberal in their rates. The park keeper, Mr. Philip Kopplin, is a man always faithful to his duty and especially qualified for the position which he occupies.

Under Ordinance No. 13,927, approved March 11, 1887, a one-half mile speeding track is provided for in the park.

The United States Signal Service has been granted permission to establish a branch station in the park.

Under Ordinance No. 13,975, $500 were appropriated to enable the Park Department to set out trees on Lindell Avenue, between Grand Avenue and Forest Park. This work has already been done, and will in a few years make Lindell Avenue one of the most pleasant drives to the park.

FOREST PARK BOULEVARD.

Under the provisions of Ordinance No. 13,936, approved March 15th, 1887, a strip of ground fifty feet wide in the middle of Forest Park Boulevard and extending from Grand avenue to King's Highway, has been set aside for park purposes and placed in charge of the Park Department, but as no appropriation has yet been made for the purpose and as the greater portion of said boulevard is not properly graded, but little can be done at present in futherance of said object. An appropriation of $1,500 will be asked to commence work with in the fall. This is a step in the right direction which will at no very distant time give the public a beautiful shaded drive to Forest Park.

GAMBLE PLACE

contains but 1.15 acres and is situated between Gamble and Dayton streets and Garrison and Glasgow avenues. It adjoins the Divoll School and is locally in great favor.

GRAVOIS PARK

containing 8.26 acres, is bounded by Potomac and Miami streets and Louisiana and Compton avenues. Although rather inaccessible it is quite a fine park and has a pagoda and a good one story brick house, which is used as the keeper's residence.

HYDE PARK

lying between Twelfth and Fourteenth streets, Salisbury and Bremen avenues, covers an area of 11.84 acres. It is one of our finest city parks and has an elegant fountain and quite a capacious greenhouse.

The engine house, located on the southeast corner of the park, is very much out of place there and should be removed.

JACKSON PLACE

a small circular park that intercepts North Market street, between Eleventh and Twelfth streets contains but 1.62 acres and is only of local value. It has a small fountain and generally well kept.

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LACLEDE PARK

is bounded by North and South Gasconade streets and East and West Iowa avenues. It is a fine little park containing 3.17 acres. The former keeper, E. Berling, died recently and Mr. Theodore Hovelmann has been appointed in his place.

LYON PARK

is situated between Carondelet avenue and Columbus street, and Arsenal and Utah streets. It contains 10.62 acres and is the western portion of the old arsenal grounds, having been donated by the United States. It is improving very rapidly, although only taken in hand since 1878. The obelisk to the memory of Gen. Nathaniel Lyon is not renowned for special beauty of design or magnificent proportions, but was placed there through the efforts of a few patriotic citizens in order to save the grounds to the city.

MISSOURI PARK

has been licensed to the St. Louis Exposition and Music Hall Association for the term of fifty years by Ordinance No. 12,338, approved March 7, 1883, and although nominally retained under the control of the Park Department, has for the time being lost its usefulness as a park.

O'FALLON PARK

contains 160 acres, and is situated about four miles north of the court house, between Bellefontaine Road and Florissant avenue. Like Forest and Carondelet Parks, it was acquired by purchase in 1875, under authority of an act of the General Assembly of Missouri. It is well worth a visit, as from its heights one of the finest views of the Mississippi River can be obtained. A great many young trees had to be set out to improve the landscape and replace the old oaks that are dying out very rapidly. The old mansion is now of no public use whatever and should eventually be torn down.

ST. LOUIS PLACE

is a long, narrow park between Solomon and Rauschenbach avenue, intersected by St. Louis avenue, and having a length of about 2000 feet between Benton and Hebert streets. The northern portion is not yet quite finished, but the southern half is finely improved, having a terrace, small lake and handsome fountain. Ordinance No. 13,928 approved March 12, 1887, continues this place through the old reservoir property to Maiden Lane, leaving North Market street open, however. No work can be undertaken on this addition until the appropriations have been made.

SOUTH ST. LOUIS SQUARE

contains but 1.66 acres and is situated in the extreme southern portion of the city. Its improvement as a park only dates back four years, but it is already beginning to be appreciated by the residents of the neighborhood.

WASHINGTON SQUARE

situated between Market street and Clark avenue, and Twelfth and Thirteenth streets, contains six acres and has a neat fountain in its center. It is not much patronized by the best class of our citizens, in fact, although right in the shadow of the Four Courts, the keeper has much of his time taken up in arresting violators of the law. It will probably finally furnish the site for a much needed new city hall.

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RECEIPTS AND EXPENDITURES.

BENTON PARK.

RECEIPTS.

1886.	April	13.	Balance in treasury		$2 10	
			Appropriation		2,500 00	
			From boat hire		79 50	
			" sale of grass		18 00	
						$2,599 60

EXPENDITURES.

			For salaries and wages		$1,961 15	
			" repairs		143 45	
			" tools		60 74	
			" light and fuel		89 83	
			" seeds		27 40	
			" other supplies		69 72	
			" sprinkling		100 00	
			" boats		120 00	
1887.	April	12.	Balance in treasury		27 31	
						$2,599 60

CARONDELET PARK (New Limits).

RECEIPTS.

1886.	April	13.	Balance in treasury		$20 35	
			Appropriation		2,500 00*	
			From sale of grass		66 00	
			" " wood		58 25	
			" " old tools		40 00	
			" rent		199 58	
			" taxes		18	
						$2,884 36

EXPENDITURES.

			For salaries and wages		$2,082 16	
			" repairs		436 38	
			" tools		82 60	
			" seeds		9 10	
			" forage		126 25	
			" other supplies		74 00	
1887.	April	12.	Balance in treasury		73 87	
						$2,884 36

CARONDELET PARK (Old Limits).

RECEIPTS.

1886.	April	13.	Balance in treasury	$36 57

EXPENDITURES.

None.

1887.	April	13.	Balance in treasury	$36 57

CARR SQUARE.

RECEIPTS.

1886.	April	13.	Balance in treasury		$6 52	
			Appropriation		900 00	
						$906 52

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EXPENDITURES.

			Salaries and wages	$806 51	
			Repairs	13 90	
			Tools	26 00	
			Light and fuel	30 33	
			Other supplies	29 26	
1887.	April	12.	Balance in treasury	52	
					$906 52

EXCHANGE SQUARE.

RECEIPTS.

1886.	April	13.	Balance in treasury	$222 22	
			From rent	283 98	
					$506 20

EXPENDITURES.

			Transferred to municipal revenue	$340 00	
1887.	April	12.	Balance in treasury	166 20	
					$506 20

FOREST PARK.

RECEIPTS.

1886.	April	13.	Balance in treasury	300 65	
			Appropriation	21,000 00	
			From sale of grass	276 00	
			From sale of wood	36 25	
			From sale of sundries	9 00	
			From rent	1,184 38	
			From taxes	73	
					$22,757 01

EXPENDITURES.

			For salaries and wages	10,900 96	
			For new improvements	216 42	
			For repairs	2,277 73	
			For tools	352 58	
			For seeds	70 50	
			For coal	103 48	
			For forage	404 11	
			For other supplies	132 14	
			For iron bridge No. 5	8,224 50	
1887.	April	12.	Balance in treasury	74 59	
					$22,757 01

GAMBLE PLACE.

RECEIPTS.

1886.	April	13.	Balance in treasury	15 46	
			Appropriation	800 00	
					$815 46

EXPENDITURES.

			Salaries and wages	622 22	
			Repairs	6 80	
			Seeds	1 80	
			Light and fuel	20 29	
			Benches	99 18	
			Other supplies	50 90	
1887.	April	12.	Balance in treasury	14 27	
					$815 46

GRAVOIS PARK.

RECEIPTS.

1886.	April	13.	Balance in treasury	22 59	
			Appropriation	700 00	
			From sale of grass	25 00	
					$747 59

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EXPENDITURES.

		Salaries and wages	652 04	
		Repairs	16 80	
		Seeds	4 80	
		Other supplies	58 55	
1887.	April 12.	Balance in treasury	15 40	
				$747 59

HYDE PARK.

RECEIPTS.

1886.	April 13.	Balance in treasury	$39 54	
		Appropriation	2,500 00	
				$2,539 54

EXPENDITURES.

		Salaries and wages	$1,911 21	
		Repairs	38 85	
		Seeds	3 00	
		Tools	40 75	
		Light and fuel	74 90	
		Other supplies	76 73	
		Sprinkling	150 00	
1887.	April 12.	Balance in treasury	244 10	
				$2,539 54

JACKSON PLACE.

RECEIPTS.

1886.	April 13.	Balance in treasury	$11 05	
		Appropriation	800 00	
				$811 05

EXPENDITURES.

		Salaries and wages	$576 23	
		Repairs	37 22	
		Tools	3 32	
		Light and fuel	18 49	
		Sprinkling	45 00	
		Benches	99 18	
		Other supplies	17 85	
1887.	April 12.	Balance in treasury	23 76	
				$811 05

LACLEDE PARK.

RECEIPTS.

1886.	April 13.	Balance in treasury	$23 84	
		Appropriation	700 00	
		From sale of grass	10 00	
				$733 84

EXPENDITURES.

		Salaries and wages	$645 41	
		Seeds	1 20	
		Tools	19 85	
		Coal	4 44	
		Other supplies	21 68	
1887.	April 12.	Balance in treasury	41 26	
				$733 84

LYON PARK.

RECEIPTS.

1886.	April 13.	Balance in treasury	$29 70	
		Appropriation	1,000 00	
		From sale of grass and wood	27 00	
				$1,056 70

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EXPENDITURES.

		Salaries and wages	$970 11	
		Repairs	10 69	
		Seeds	1 20	
		Coal	4 74	
		Other supplies	9 96	
		Sprinkling	60 00	
1887.	April 12.	Balance in treasury		
				$1,056 70

O'FALLON PARK.

RECEIPTS.

1886.	April 13.	Balance in treasury	$ 18 71	
		Appropriation	2,500 00	
		From sale of grass	41 30	
		" " wood	134 65	
		" herding sheep	10 00	
		" rent	209 25	
		" taxes	18	
				$2,914 09

EXPENDITURES.

		Salaries and wages	$2,067 42	
		Repairs	212 58	
		Tools	24 42	
		Seed	2 40	
		Forage	196 50	
		Light	4 30	
		Other supplies	208 83	
1887.	April 12.	Balance in treasury	197 64	
				$2,914 09

ST. LOUIS PLACE.

RECEIPTS.

1886.	April 13.	Balance in treasury	$ 109 68	
		Appropriation	2,000 00	
		From sale of old iron	1 00	
				$2,110 68

EXPENDITURES.

		Salaries and wages	$1,393 48	
		Repairs	111 30	
		Seeds	2 40	
		New improvements	368 60	
		Light	16 22	
		Tools	42 32	
		Other supplies	103 10	
		Sprinkling	70 00	
1887.	April 12.	Balance in treasury	3 26	
				$2,110 68

SOUTH ST. LOUIS SQUARE.

RECEIPTS.

1886.	April 13.	Balance in treasury	$ 1 66	
		Appropriation	350 00	
				$ 351 66

EXPENDITURES.

		Wages	$340 59	
		Seed	2 25	
		Repairs	8 50	
1886.	April 12.	Balance in treasury	32	
				$ 351 66

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WASHINGTON SQUARE.

RECEIPTS.

1886.	April 13.	Balance in treasury	$2 52	
		Appropriation	1,040 00	
		Cash for damages to trees	18 50	$1,061 02

EXPENDITURES.

		Salaries and wages	$887 55	
		Repairs	71 10	
		Tools	13 00	
		Light and fuel	36 64	
		Seeds	6 76	
		Other supplies	35 20	
1887.	April 12.	Balance in treasury	10 77	$1,061 02

PARK COMMISSIONER.

RECEIPTS.

1886.	April 13.	Appropriation	$5,250 00

EXPENDITURES.

		Salary of Park Commissioner	$2,000 00	
		" " Superintendent	1,500 00	
		" " Clerk	1,200 00	
		Buggy	196 50	
		Repairs	18 40	
		Horse board, etc	256 50	
		Stationery	75 50	
1887.	April 12.	Balance in treasury	3 10	$5,250 00

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ANNUAL REPORT

OF THE

SEWER COMMISSIONER

For the Fiscal Year Ending April 11th, 1887.

SEWER DEPARTMENT OF THE CITY OF ST. LOUIS,
ST. LOUIS, April 19th, 1887.

Hon. D. R. Francis, Mayor:

SIR — In accordance with section 47, Article IV of the charter, I have the honor to submit the following report of the sewer department for the year ending April 11th, 1887:—

PUBLIC SEWER WORK.

Construction of public sewers has progressed during the year with results as follows:—

Mill Creek Sewer has been completed to proposed Vandeventer Avenue; length built 1463 feet, amount of payments $60,630.93. Only a few feet more of the main sewer, 15 feet by 18, remain to be built. The extension of the sewer northwardly on Vandeventer Avenue to Duncan Avenue is under contract, and will be completed the ensuing summer.

Southeastern Sewer was enlarged from Menard Street westwardly on Emmet Street a distance of 641 feet. Payments, $1.157.95.

Joab Street Sewer was completed to Lafayette Avenue. Length built 100 feet. Cost, $464.14.

Arsenal Street Sewer was enlarged from 4 feet by five to 8 feet mean diameter for a length of 440 feet. Payments $3,921.89. About 225 feet of enlargement remains to be done. When completed one of the sources of danger from overtaxed sewers will be removed.

Quincy Street Sewer was built from the river to Broadway, length 944 feet. Payments $4,747.52.

Lynch Street Sewer was built from Oregon Avenue to Pennsylvania Avenue, length 680 feet. Payments, $2,569.81.

Minnesota Avenue Sewer was built to Gasconade Street, length 429 feet. Payments, $978.87.

Brooklyn Street Sewer from the river westwardly, 227 feet. Payments, $671.58.

Accomac Street Sewer from Ohio Avenue westwardly 1047 feet. Payments, $4,854.18.

Drainage of Insane Asylum, Female Hospital, and Poor House. Pipe sewers were built for this purpose, 15,251 feet in length, which may be useful for other drainage and doubtless will be so used. 2057 feet more were laid to reach the several institutions. Minor sewers not specifically described by ordinance were built for outlets to the amount of 342 feet.

The total expenditure for the extension of the Public Sewer System was $94,852.76. The length of Public Sewer built was 21,835 feet.

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DISTRICT SEWER WORK.

Sewers were built in 21 districts. The total length was 62,115 feet. Costing the property owners $129,062.15.

The very large sewer district, Vandeventer Avenue, No. 1, was begun early in the year and has progressed considerably. The heavy work is done from Duncan Avenue to Pine Street, and from McPherson Avenue to Cook Avenue, except a short gap near Morgan Street. The district should be finished the coming year.

PRIVATE SEWERS AND CONNECTIONS.

The number of sewer connections made during the year, 1636, was materially less than for the year previous, but the work of supervision was greater, since, under the provisions of Ordinance 13,624, the department was given oversight of all privies, vaults and water closets. The revised ordinance just approved makes these duties more explicit and will aid in the enforcement of sanitary regulations.

REPAIRS AND MAINTENANCE OF SEWERS.

Ordinary repairs have continued light in amount expended; but repairs which have involved a thorough overhauling of sewers for considerable lengths and which place them, so far as the repairs extend, in better condition than when new, I class as extraordinary repairs. Ordinary repairs have cost $4,875.85, extraordinary repairs $14,727.34, cleaning sewers, $6,370.00.

PLAT BOOKS.

The records of the department are chiefly in the form of a single set of Plat books, twelve in number, of which the older seven are much worn and some far gone. A draftsman should be employed immediately and a new set prepared. The loss of these records would be irreparable, and very serious to the public and to individuals.

GENERAL REMARKS.

As the city grows older and larger, defects in the sewer system become apparent. Aside from the extensive repairs made necessary by bad material and workmanship in early days there is a continual demand for increased size of many of the old sewers. Reconstructions have been in progress during the past year, and others are now authorized. The number of cases in which existing sewers are insufficient is so great that it is not easy to say which is the more urgent — construction of sewers in new territory, or reconstruction in the old. The need of both is so great that I see no other recourse than special taxation upon property benefited. Vandeventer Avenue Sewer District No. 1 is a bold step in this direction. The construction of a sewer on Poplar Street, from the river to Twentieth Street, is even now a necessity for the relief of Mill Creek Sewer. How can the cost, probably $300,000, be met? and other pressing calls also.

The most important measure, connected with sewers of the year past, was the adoption of a general plan for the drainage of that part of the city naturally drained by Mill Creek and River des Peres, and for the relief of Mill Creek Sewer. This plan deals with the drainage of 13,200 acres, of which 6,400 naturally belong to Mill Creek and 6,800 to the River des Peres. The plan makes Mill Creek Sewer the outlet for the discharge of sewage from 12,300 acres of this area, and contemplates the reduction of the area furnishing storm water to that sewer from 6,400 to 4,000 acres. The system is one of intercepting sewers to gather sewage, and storm water overflows to carry off storm waters. For a portion of the area a system of separate sewers is prescribed; for the sewage from it must either be pumped or purified, hence the volume handled must be kept at a minimum.

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To carry out the entire plan will require many years, but the parts of it which involve new features, in St. Louis practice, will have to be taken in hand very soon.

In conducting the business of the department I have had the assistance of competent and faithful officers and employees to whom I tender thanks, and for whom I request kind consideration.

Details of work done and statistical information will be found in my report to the Board of Public Improvements, dated April 12, 1887.

Respectfully submitted,

ROBERT E. McMATH,

Sewer Commissioner.

ST. LOUIS, April 12th, 1887.

Hon. Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report of the Sewer Department for the fiscal year ending April 11th, 1887: —

PUBLIC SEWER WORK.

First — On contracts completed: —		
Mill Creek Sewer, from Prospect Avenue to Cabanne Street		$16,636 42
Southeastern Sewer, enlargement from Menard Street westwardly		1,157 95
Joab Street Sewer		464 14
Brooklyn Street Sewer		671 58
Arsenal Street Sewer, enlargement		540 59
Quincy Street Sewer from River to Broadway		4,747 52
Lynch Street Sewer, from Oregon to Pennsylvania Avenue		2,569 81
Minnesota Avenue Sewer		978 87
Insane Asylum, Female Hospital and Poor House Sewer		12,347 63
Certain Outlet Sewers		382 10
Inlets to Sewers		608 72
Total		$41,105 33
Second: — On contracts in progress: —		
Mill Creek Sewer, from Cabanne Street to Duncan Avenue		$43,994 51
Accomac Street Sewer, Ohio to Nebraska Avenue		4,854 18
Arsenal Street Sewer, enlargement		3,381 30
Northwestern Sewer on 20th Street, reconstruction		450 50
Repair of Rocky Branch and other Sewers		
Bremen Avenue Sewer	351 33	
Rocky Branch Sewer, at Mouth	2,484 60	
Rocky Branch Sewer, East of 2nd Street	1,685 35	
Camp Spring Sewer	1,791 88	6,313 16
Total		$58,993 65
Third: — Retained percentage on contracts completed the previous year		715 61
Total for Public Sewer Work		$100,814 59

The public sewer work consisted of:—

MILL CREEK SEWER,

which has been completed to Vandeventer avenue, the length built during the year being 1,463 feet. The main sewer, 15x18, feet, is, at the date of this report, practically finished. The smaller sewer, 12x14 feet which retains the name, will be finished to Duncan avenue during the summer of 1887. The sewer as constructed is —

15x20 feet for 16,389 feet, construction cost $1,242,686.14
15x18 feet for 3,199 feet construction cost 144,894.59

Averaging $75.82 and $45.13 per foot.

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SOUTHEASTERN SEWER

enlargement.—A section, 641 feet in length, having a mean diameter of three feet, was too small, and has been enlarged to four feet mean diameter.

JOAB STREET SEWER.

was extended 100 feet to the south side of Lafayette avenue. As a public sewer it is now completed.

BROOKLYN STREET SEWER,

a sewer built by private parties under Ordinance 5424, had been used as an outlet for district sewers, and an extension to the present river bank became necessary. The extension was 227 feet in length, 3 feet in diameter.

OUTLETS FOR DISTRICT SEWERS AND INLETS.

The construction of short pieces of sewer to bring the ends of old sewers to the boundaries of new districts, and the construction of additional inlets, had for many years been considered as an incidental expense of administration and had been paid for out of the appropriation for sewers, salaries, current expenses and repairs, but under a stricter ruling in the auditor's office the authority of an ordinance and specific appropriation is now necessary. The work done was 2x3 feet sewer 18 feet, 15 in. pipe sewer 176 feet, 12 in. pipe sewer 92 feet, and 8 inlets with 210 feet of connecting 12 in. pipe.

ARSENAL STREET SEWER

reconstruction as an 8 foot sewer has progressed 440 feet, leaving 225 feet of the old 4x5 feet to be rebuilt.

QUINCY STREET SEWER

has been completed from the river to near the west line of Broadway 944 feet of 4½ feet diameter.

LYNCH STREET SEWER

has been completed to Pennsylvania avenue, 680 feet, 3½x4½ feet.

MINNESOTA AVENUE SEWER.

was finished to Gasconade street, 429 feet of 3 foot diameter.

ACCOMAC STREET SEWER

is a new sewer and has been built from Ohio avenue to Nebraska avenue except two pond crossings yet unfinished. Length completed 1,047 feet, 4x5 feet.

DRAINAGE OF INSANE ASYLUM, FEMALE HOSPITAL AND POOR-HOUSE.

The sewer for this purpose has been built from Manchester road and Papin street to the Poor-house a distance of 15,251 feet. Laterals extend to the several institutions, but final connection has not been made except with the Female Hospital. Length of 9 inch laterals 2,057 feet. The sewer is not intended to carry surface drainage or storm water from the buildings. Without doubt many connections for house drainage will be sought and perhaps branch drains will be desired. It will be necessary to regulate the use of the sewer by ordinance.

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REPAIRS OF BREMEN AVENUE, ROCKY BRANCH, CAMP SPRING AND ARSENAL STREET SEWERS.

The repairs needed were so extensive as to require a special appropriation; at the same time their nature and extent was too uncertain to admit of an estimate of cost in advance of execution, or the letting of contracts in the usual way.

BREMEN AVENUE SEWER

had not discharged freely into the river for several years since a deposit had formed along that part of the city front. The open channel was kept open with difficulty and was an intolerable nuisance. The low stage of water in the early winter gave opportunity to extend the sewer 56 feet to the river's edge.

ROCKY BRANCH SEWER

had been completely wrecked at the mouth by the great rush of water during the storm of September 4th, 1886. Probably as a result of the river being low at that time, the rush of water from the sewer was extremely violent and formed eddies above and below the sewer which tore out the bank, and so got behind the pile protection and wrecked the sewer. A similar eddy erosion occurred at mouth of Mill Creek the same night, but without injury to the sewer. The force of water was sufficient to carry rocks containing 5 and 7 cubic feet out into the river, whence some of them were recovered. The foundations have been restored and the side walls partially rebuilt, reconstruction of the arch was stopped by rise in the river. The same sewer has been in bad condition between Main and Second streets for some time. A longitudinal crack in the arch had opened, due probably to the spreading of the side walls in the soft ground when the sewer was built, but recently rendered dangerous by the filling of the street, which had mostly been placed on the south side, the thrust tending to distort the arch. A section about 5 feet in width has been taken out and the arch restored to shape for more than half the defective length.

CAMP SPRING SEWER

has given much trouble for several years, the original bottom having worn out. From Chestnut Street to near Spruce Street the old brick invert has been replaced by granite, above Chestnut it is proposed to renew the invert with special hard brick.

Some defects in Arsenal Street sewer require immediate attention. I anticipate that it will soon be necessary to line all the tunnel section with masonry.

NORTHWESTERN SEWER RECONSTRUCTION.

Contracts have been let for this work. The sewer which was one of the first built has been the occasion of much complaint owing to insufficient capacity. Several attempts to relieve it have been made with partial success. The work now in hand will, it is hoped, give relief to the flooded district west of Ninth Street. But it will probably be necessary to rebuild Biddle Street Sewer from Main to Seventh Street before defects are completely remedied.

DISTRICT SEWER WORK.

The district sewer work completed during the year is fully exhibited by tables 3 and 4.

The aggregate area of the 21 districts completed is 339.47 acres. The average cost was $1.2697 per square ranging from $0.461 to $2.361.

A large amount of work has been done in Vandeventer Avenue Sewer District No. 1, which does not appear in the tables.

PRIVATE SEWERS,

under special permits granted by the Board of Public Improvements, have been built as shown by Table 10. Ordinary connections to the number of 1,636 have been made.

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According to the provisions of ordinance No. 13624, placing construction of privies and water closets under the supervision of the Sewer Commissioner, regulations governing their construction were adopted by the Board of Public Improvements. The result has been a decided improvement in the character and quality of work done. Most of the master plumbers have cheerfully complied with the regulations, but a few are disposed to violate them. The revision of the ordinances provides penalties for violation and it is hoped that enforcement of sanitary regulations will be easier.

CURRENT EXPENSES.

The expenditures for cleaning and ordinary repairs have been respectively, $6,370.00 and $4,875.85.

The sewer mileage being more than 262 miles, the cost per mile has been for cleaning $24.31 and for repairs $18.60.

These items of expense are low compared with other cities. The first, since sewers and inlets are with us mostly self-cleansing. The second, because little more has been done than repair breaches. The force employed by the department is too small for systematic examinations to discover dilapidations, hence they continue until a break occurs and repair becomes compulsory. This policy bears the appearance of economy, as the present expense is light, but the outcome will be the reconstruction of many sewers, at heavy cost.

PLANS AND PLAT-BOOKS.

The plat-books of the department are much worn and must be renewed. It will be necessary to employ a draughtsman for this work, since the regular force of the office is fully occupied with current work.

GENERAL CONDITION OF SEWERS IN THE OLDER PARTS OF THE CITY.

From the items of public sewer work done and in progress, it appears that reconstructions and enlargements form quite a fraction of the work done. This is apparently inconsistent with the prevailing idea that St. Louis is one of the best drained cities in the country. No city is perfectly sewered and perfection cannot be claimed for St. Louis sewers. Like other cities, ours suffers from errors made many years since. In other cases necessity for change has come from the growth and prosperity of the city. Necessities have arisen which could not have been foreseen, or if foreseen could not have been provided for at an earlier period. Reconstruction of streets, enlarged buildings and business requirements, call for sewer reconstruction to provide more capacity on account of quicker discharge of storm water, also deeper drainage as residences give place to business houses. When cellars and basements are used for storage and handling of goods, dampness and especially danger of flooding are judged, by the pocket standard, more serious matters than when the premises were occupied as residences. Better understanding of sanitary conditions also brings forward serious objections to arrangements which in former days were considered sufficient.

From the Sewer Commissioner's point of view it is becoming difficult to decide which is the more urgent, the demand for extension of sewers into new territory or the need of betterment in the territory sewered years ago. Some of the cases of insufficient capacity are of great urgency as measures for local relief, as basements are frequently flooded and property thereby rendered unproductive. The number of these cases, and the extent of some, suggests that the only way to afford relief in a reasonable time is to establish the several areas as sewer districts and to complete the drainage, now defective, at the expense of all the property in the drainage area. This suggestion is certainly not consistent with the prevailing idea that payment of sewer tax once is release forever, but is consistent with what has been done in the matter of street reconstruction and with general experience that work once done must in time be done again.

The principal sewers which will require more or less reconstruction are: —

Ferry street sewer, river to Broadway.

Biddle street sewer, Main street to Seventh.

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Thirteenth street sewer, Poplar street to Morgan.
Camp Spring sewer, Washington avenue to north end.
Compton avenue sewer, Manchester road to Pine street.
Southeastern sewer, Thirteenth street to Second Carondelet avenue.
Arsenal street sewer, tunnel lined about 1,400 feet.

Many cases of deficiency in sewers built as district sewers also exist, of course affecting but small areas.

The most serious matter connected with present sewers is the insufficiency of Mill Creek Sewer, and its remedy. A general plan for the needed relief is among the provisions of Ordinance No. 13971. This plan contemplates the diversion of the storm water from 1400 acres naturally draining to Mill Creek to the River des Peres. This area lies south of Park avenue and is at present not subdivided. The diversion will therefore be postponed for several years. It is also provided that the drainage of 925 acres now reaching Mill Creek sewer by Camp Spring, Thirteenth Street, Ninth street, and sundry small sewers shall be cut off by the completion of the sewer on Poplar street from the river to Twentieth street. The two diversions will reduce the area to be permanently drained by Mill Creek Sewer from near 6,400 to 4,000 acres. Mill Creek Sewer is even now overtaxed at times east of Twentieth street, consequently relief of the eastern part of the sewer is urgent, especially in view of the fact that the rapid extension of sewer and street improvements in the west and north parts of Mill Creek valley is increasing the work of the sewer every year. The completion of Poplar Street sewer is therefore a matter of urgent necessity which ought to be taken in hand immediately; but the use of Poplar street from Eighth street to the levee, as the only line of rail connection, stands for the present as an obstacle to the construction of the sewer. The importance of the early provision of some substitute route is therefore apparent.

The double mouth of Mill Creek sewer remains and has not directly occasioned trouble since 1882. Still such trouble is always possible, moreover the division and partial obstruction of one of the openings may have something to do with the engorgement of the sewer. The reconstruction of seventy feet at the mouth will remove the danger and will cost $7,000.

NEW PUBLIC SEWER WORK RECOMMENDED.

The following items of public sewer work have been recommended by the Board as needed, and which so far as possible, should be provided for the coming fiscal year:—

Mill Creek Sewer on Duncan avenue from Vandeventer avenue to Sarah street..... $29,000
When extended northwardly on Sarah street to McPherson avenue it may be proper to create large districts in the area drained and complete the drainage at the cost of the property. But to that point it seems necessary to consider the sewer public.

Rocky Branch Sewer from Vandeventer avenue, westwardly on Ashland avenue..... $16,000
This work it a step toward providing much needed drainage for Elleardville and contiguous territory.

Accomac Street Sewer extension from Nebraska ave. to Compton avenue..... $7,700
The construction of this sewer will promote the development of a desirable residence section.

Reconstruction of mouth of Mill Creek Sewer..... 7,000

Quincy Street Sewer from Broadway to a point west of Michigan Avenue 4,500
Much desired by the inhabitants of the Thirteenth Ward

Minnesota Avenue Sewer from Minnesota Avenue to Louisiana Avenue.. 4,100
Asked for by resolution of House of Delegates, March 4, 1887. The sewer will mostly drain city property

Cabanne Street Sewer from Mill Creek northwardly to alley north of Manchester Road..... 3,000

Total..... $71,300

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GENERAL PLAN FOR THE DRAINAGE OF THAT PART OF THE CITY NATURALLY DRAINED BY MILL CREEK AND RIVER DES PERES, AND FOR THE RELIEF OF MILL CREEK SEWER.

By Ordinance No. 13,971, a general plan was adopted, which deals with the rainage of 13,200 acres, of which 6,400 naturally drained to the Mill Creek, and 6,800 to the River des Peres. The plan when fully carried out will change the distribution to 1,000 acres drained to the Mississippi by Poplar Street and smaller sewers, 4,000 acres drained by Mill Creek Sewer, and 8,200 acres to the River des Peres, so far as the discharge of storm water is concerned. Ordinarily the drainage from 10,850 acres will discharge through Mill Creek Sewer.

The area more immediately affected by the plan may be approximately described as extending from Easton Avenue on the North to Arsenal Street on the South, Grand Avenue on the East, and the city limits on the West. The rapid increase of population in the extreme west of this area and north of Forest Park will shortly require that something be done to provide a suitable drainage. The discharge of sewage into any natural or artificial channel which empties into the River des Peres is by ordinance declared unlawful and is prohibited. This prohibition should be enforced and those who are so energetically developing that quarter must conform to this necessary sanitary measure.

A skeleton drainage map showing the general plan and the usual statistical tables accompany this report.

Respectfully,

ROBERT E. McMATH,
Sewer Commissioner.

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TABLES ACCOMPANYING

SEWER COMMISSIONER'S REPORT

For the Fiscal Year Ending April 11, 1887.

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No. 1—TOTAL EXPENDITURES FOR CONSTRUCTION OF SEWERS, AND FOR CURRENT AND MISCELLANEOUS EXPENSES FOR THE FISCAL YEAR ENDING APRIL 11TH, 1887.

PUBLIC SEWERS, ETC.

1. Joab street sewer, on Park avenue and on Compton avenue to a point near Lafayette avenue	$ 574 90	
2. Miller street sewer, enlarged and extended on Miller street, Broadway and Park avenue, to a point between Seventh and Eighth sts.	140 71	
3. Arsenal street sewer, extension at the Mississippi river	540 59	
4. Southeastern sewer, reconstructed and enlarged between Menard street and a point 20 feet west of Twelfth street	1,157 95	
5. Mill Creek sewer, from Prospect avenue to Cabanne street	12,470 46	
Mill Creek sewer, same place, moving and replacing R. R. tracks	4,165 96	
6. Mill Creek sewer, from Cabanne street to Vandeventer avenue, and on said avenue west to Duncan avenue	43,994 51	
7. Certain outlet sewers, for district sewers	382 10	
8. Certain sewer inlets with their connections	608 79	
9. Joab street sewer, extension to Lafayette avenue	464 14	
10. A sewer for the drainage of the Insane Asylum, Female Hospital and Poorhouse	12,347 63	
11. Minnesota avenue sewer from a point south of Osage street southwardly to Gasconade street	978 87	
12. Quincy street sewer, from the river west to Broadway	4,747 52	
13. Accomac street sewer, from Ohio avenue to Nebraska avenue	4,854 18	
14. Lynch street sewer, on Rappahannock street from Oregon avenue to Pennsylvania avenue	2,569 81	
15. Arsenal street sewer, enlarged and reconstructed from a point west of tracks of St. Louis, I. M. & S. Ry., westwardly 665 feet	3,381 30	
16. Brooklyn street sewer, from the river to a point east of 1st street	671 58	
17. Northwestern sewer, reconstructed on 20th street from O'Fallon south to alley north of Biddle street	450 50	
18. Repairing Bremen avenue sewer, Camp spring sewer, Rocky Branch sewer and Arsenal street sewer, (Ord. 13,827)	6,313 16	
Total		$100,814 59

CURRENT AND MISCELLANEOUS EXPENSES.

Repairing Twelfth street sewer, Camp spring sewer Biddle street sewer, Elliot avenue sewer and Southeastern sewer, "extraordinary repairs"	$8,765 51		
Repairing sewers, inlets, manholes, etc	3,597 72		
Iron for repairing inlets and manholes	576 13		
Inlet stone used in repairs	681 05		
Paving over sewers	20 95		
		$ 13,641 36	
Tools and appliances used for opening and cleaning sewers and maintaining signals	$ 120 24		
Opening sewers and removing obstructions	226 79		
Cleaning sewers and inlets — per pay rolls	6,022 97		
		$ 6,370 00	
Engineering and supervision on public and district sewers	$21,051 29		
Boring — for rock	356 28		
Supervision of private sewers	144 11		
		$ 21,551 68	
Office expenses, stationery and sundries	$ 334 69		
Horse, horse board, shoeing, harness and repairs	488 65		
		$ 823 34	
Total for miscellaneous			$ 42,386 38
			$143,200 97
Total for construction of district sewers			129,062 15
Total amount			$272,263 12

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No. 2 — PUBLIC SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER.	LOCATION.	CONTRACTOR.	Contract Number.	Ordinance Number.	Appropriations.	Expended last year.	Expended previous yrs	Total Expenditures.	Retained per centage.	Balance of appropriations.
Arsenal st. sewer.....	Extension at the river	Thos. C. Luney.....	932	12,533	$3,400 00	$540 59	$2,592 50	$3,133 09	.....	$266 91
Southeastern sewer.....	Reconstructed and enlarged on Emmet street from Menard street to a point 20 feet west of 12th street....	John Devlin,.....	1,332	13,410	2,500 00	1,157 95	742 05	1,900 00	.....	600 00
Mill Creek sewer.....	From Prospect ave. westwardly to Cabanne street.....	Fruin-Bambrick Construction Co.	1,334	13,412	33,000 00	16,636 42	14,960 95	31,576 37	....	1,423 63
Certain outlet sewers...	For district sewers.....	Jos. M. Murphy.....	1,434	13,594	430 00	382 10	.....	382 10	.....	47 90
Certain sewer inlets....	With their connections.....	J. O'Donnell and M. Cullinane.	1,435	13,593	730 00	608 72	.....	608 72	.....	121 28
Joab street.....	Extension to Lafayette ave	Edw. Reilly.....	1,436	13,595	730 00	464 14	....	464 14	.....	265 86
Sewer to drain the Insane Asylum, Female Hospital & Poorhouse.	From the Mill Creek sewer westwardly on the Old Manchester road.....	August Heman.....	1,437	13,588	13,000 00	12,347 63	.....	12,347 63	649 87	2 50
Minnesota ave. sewer..	From a point south of Osage st. south to Gasconade st.....	P. O'Donnell and M. Cullinane.	1,549	13,704	1,300 00	978 87	.....	978 87	51 52	269 61
Quincy st. sewer.....	From river to Broadway.....	Jacob Schenck.....	1,550	13,705	5,000 00	4,747 52	.....	4,747 52	249 87	2 61
Lynch st. sewer.....	On Rappahannock street from Oregon ave. to Pennsylvania ave.....	John Devlin.....	1,552	13,708	3,500 00	2,569 81	.....	2,569 81	135 25	794 94
Brooklyn st. sewer.....	From the river west to a point east of 1st street.....	Fred Skrainka.....	1,548	13,699	975 00	671 58	.....	671 58	35 34	268 08
					$64,565 00	$41,105 88	$18,274 50	$59,379 83	$1,121 85	$4,063 32

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No. 3—DISTRICT SEWERS COMPLETED DURING THE PAST FISCAL YEAR.

Name of Sewer District.	Contractor.	Contract No.	Ordinance No.	Size of Sewer.	Length in feet	Cost of Sewer.	Cost per foot.	Inlets.	Cost of Inlets including iron and stone.	Manholes.	Cost of Manholes, including iron caps.	Cost of Junctions, lumber, etc.	Total Cost.
Gingrass Creek, Sewer District No. 2.	August Heman	1322	13300	2¼ x 3½ ft. brick	418	$2,736 00	$6.54	....	.....	....	.....	.....	.....
			13303	2 x 3 ft. "	1,196	5,151 20	4.31	....	.....	5	$197 93	.....	.....
			.....	15 inch pipe..	3,658	7,316 00	2.00	....	.....	....	.....	.....	.....
			.....	12 " " ..	2,171	4,342 00	2.00	40	$2,206 80	23	1,182 79	$1,369 01	$24,501 73
S. Mill Creek, Sewer District No. 36..	R. Wycoff & B. Crean	1438	13542	12 " " ..	288	224 64	.78	....	.....	....	.....	.....	.....
			13553	.....	.....	.....	.....	1	49 40	2	90 18	11 20	375 42
Chestnut & Pine st., Sewer Dist. No. 3.	Bambrick & Foster	1445	13536	12 " " ..	484	329 12	.68	....	.....	....	.....	.....	.....
			13546	.....	.....	.....	.....	1	51 36	4	178 38	35 36	594 22
Grand ave., Sewer District No. 20...	John Heman	1453	13585	15 " " ..	504	327 60	.65	....	.....	....	.....	.....	.....
			13591	12 " " ..	22	14 30	.65	1	49 50	3	135 46	28 00	554 86
Farrar st., Sewer District No. 14.....	R. Wycoff & B. Crean..	1471	13586	15 " " ..	620	558 00	.90	....	.....	....	.....	.....	.....
			13590	12 " " ..	282	225 60	.80	4	197 73	5	213 82	36 50	1,231 64
Illinois ave., Sewer District No. 5...	H. H. Ruecking	1444	13535	18 " " ..	314	345 40	1.10	....	.....	....	.....	.....	.....
			13545	15 " " ..	1,107	974 16	.88	....	.....	....	.....	.....	.....
			.....	12 " " ..	597	477 60	.80	7	335 25	11	544 49	84 13	2,761 03
Elliot ave., Sewer District No. 36....	Robert Sheehan	1442	13538	2 x 3 ft. brick	562	1,472 90	2.62	....	.....	2	69 37	.....	.....
			13548	15 inch pipe..	522	391 50	.75	....	.....	....	.....	.....	.....
			.....	12 " " ..	116	87 00	.75	7	321 15	2	97 97	52 26	2,492 15
Joab st., Sewer District No. 8.....	Fred. Skrainka	1440	13543	2 x 3 ft. brick	327	2,688 10	8.25	....	.....	3	108 71	.....	.....
			13554	15 inch pipe..	794	714 60	.90	....	.....	....	.....	.....	.....
			.....	12 " " ..	120	96 00	.80	6	305 14	4	169 42	85 89	4,167 86
Wyoming st., Sewer District No. 2...	Louis Grund	1469	13540	15 " " ..	550	550 00	1.00	....	.....	....	.....	.....	.....
			13551	12 " " ..	1,492	1,044 40	.70	11	516 90	13	670 05	64 20	2,845 55
Gingrass Creek, Sewer District No. 3.	George Prendergast....	1328	13301	3¼ x 4½ ft. brick	947	3,743 88	3.95	....	.....	....	.....	.....	.....
			13304	2½ x 3½ ft. "	773	2,136 86	2.76	....	.....	....	.....	.....	.....
			.....	2 x 3 ft. "	1,194	2,820 10	2.36	....	.....	14	411 46	.....	.....
			.....	15 inch pipe..	3,316	2,818 60	.85	....	.....	....	.....	.....	.....
			.....	12 " " ..	4,070	4,070 60	1.00	53	2,632 99	36	1,488 54	740 70	20,858 13
Wyoming st., Sewer District No. 3...	Fred. Skrainka	1470	13584	12 " " ..	405	263 25	.65	....	.....	....	.....	.....	.....
			13592	.....	.....	.....	.....	3	145 95	5	252 04	12 26	673 50
Northwestern Sewer District No. 21.	H. H. Ruecking	1446	13537	15 " " ..	666	566 10	.85	....	.....	....	.....	.....	.....
			13547	12 " " ..	1,535	1,074 50	.70	10	550 50	13	670 35	84 55	2,945 90
N. Chambers st., Sewer Dist. No. 8..	George Prendergast....	1443	13533	18 " " ..	587	821 80	1.40	....	.....	....	.....	.....	.....
			13550	15 " " ..	385	423 50	1.10	....	.....	....	.....	.....	.....
			.....	12 " " ..	590	590 00	1.00	9	464 90	8	419 42	98 55	2,818 17
N. Mill Creek, Sewer District No. 20.	Robert Sheehan	1439	13541	2 x 3 ft. brick	1,801	3,296 62	2.53	....	.....	6	209 01	.....	.....
			13562	15 inch pipe..	1,484	1,075 50	.75	....	.....	....	.....	.....	.....
			.....	12 " " ..	449	336 75	.75	11	513 59	9	448 74	119 82	6,000 03

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Gingrass Creek, Sewer District No. 1.	P. D. Sage & Son	1825	13599	2¼ x 3½ ft. brick	914	3,285 57	3.54	....	.....	....	.....	.....	.....
			13602	2 x 3 ft. "	1,363	4,157 77	3.05	....	.....	8	345 84	.....	.....
S. Mill Creek, Sewer District No. 37.	Edward Reilly	1474	.....	18 inch pipe	349	523 50	1.50	....	.....	....	.....	.....	.....
			.....	15 " "	1,087	1,413 10	1.30	....	.....	....	.....	.....	.....
			.....	12 " "	2,869	3,299 35	1.15	32	1,768 85	23	1,290 62	1,2748 2	17,309 42
			13582	3 x 4 ft. brick	462	1,564 92	3.39	....	.....	....	.....	.....	.....
			13589	2½ ft. D "	538	1,707 30	3.17	....	.....	4	140 46	.....	.....
Ferry st., Sewer District No. 9.	August Heman	1441	.....	15 inch pipe	1,710	1,710 00	1.00	....	.....	....	.....	.....	.....
			.....	12 " "	1,000	650 00	.65	14	700 41	15	742 54	230 65	7,446 28
			13534	2½ ft. D brick	1,420	3,988 25	2.81	....	.....	....	.....	.....	.....
			13544	2 x 3 ft. "	417	1,209 80	2.90	....	.....	7	294 48	.....	.....
			.....	15 inch pipe	2,175	1,740 00	.80	....	.....	....	.....	.....	.....
Ferry st., Sewer District No. 10.	R. Wycoff & B. Crean	1557	.....	12 " "	2,048	1,433 60	.70	22	1,077 45	20	974 90	201 58	10,920 06
			13679	2½ x 3½ ft. brick	988	2,721 70	2.92	....	.....	....	.....	.....	.....
			13682	2 x 3 ft. "	1,070	2,544 00	2.38	....	.....	5	164 51	.....	.....
			.....	15 inch pipe	892	892 00	1.00	....	.....	....	.....	.....	.....
			.....	12 " "	439	307 30	.70	18	843 56	5	227 55	246 25	7,946 87
Gingrass Creek, Sewer District No. 4.	Fred. Skrainka	1556	13678	2 x 3 ft. brick	780	1,987 89	2.72	....	.....	2	57 22	.....	.....
			13681	12 inch pipe	20	16 00	.80	2	93 26	....	.....	30 36	2,184 23
Joab st., Sewer District No. 9.	Gottlieb Eyermann	1555	13677	18 " "	670	670 00	1.00	....	.....	....	.....	.....	.....
			13680	15 " "	1,950	1,950 00	1.00	....	.....	....	.....	.....	.....
			.....	12 " "	182	182 00	1.00	9	454 12	8	457 74	138 41	3,302 27
Louisa st., Sewer District No. 10.	Robert Sheehan	1554	13583	2 x 3 ft. brick	1,202	2,571 25	2.14	....	.....	4	108 92	.....	.....
			13683	15 inch pipe	1,845	1,383 75	.75	....	.....	....	.....	.....	.....
			.....	12 " "	1,584	1,029 60	.65	20	778 60	15	583 66	182 15	6,632 93
Totals					62,115	$96,941 73		281	$14,052 20	284	$2,941 57	$5,126 65	$129,062 15

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RECAPITULATION.

Size of Sewers.	Length.	Cost.	Average cost per Linear Foot.
3½ x 4½ feet brick	947 feet.	$3,743 88	$3 95
3 x 4 feet brick	462 "	1,564 92	3 39
2½ x 3½ feet brick	3,038 "	10,830 13	3 56
2½ feet diameter brick	1,958 "	5,695 55	2 91
2 x 3 feet brick	9,862 "	27,899 13	2 83
18-inch pipe	1,920 "	2,360 70	1 23
15-inch pipe	23,215 "	24,804 41	1 07
12-inch dipe	20,713 "	20,043 01	0 97
Total	62,115 feet.	$96,941 73	
281 inlets		14,052 20	Average cost
60 manholes on brick sewers		2,107 91	50 01
224 manholes on pipe sewers		10,833 66	35 13
Junctions, lumber, etc		5,126 65	48 36
Total cost		$129,062 15	

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No. 4 — LENGTH, AREA, ASSESSED AREA, RATE OF ASSESSMENT AND ESTIMATES OF THE DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

Name of Sewer District.	Length in Feet	Area in Acres.	Assessed Area to the nearest 100 sq. feet.	Rate of Assessment pr 100 sq. ft. to nearest mill.	Preliminary Estimates.	Estimates Based on prices bid.	Actual Cost.
Gingrass creek No. 2	7,443	41.19	12,228	$2.004	$14,000 00	$22,157 00	$24,501 73
South Mill creek No. 36	288	2.25	686	0.548	500 00	391 15	375 42
Chestnut and Pine street No. 3	484	2.59	694	0.857	800 00	608 80	594 22
Grand avenue No. 20	526	4.00	1,204	0.461	1,000 00	623 55	554 86
Farrar street No. 14	902	6.61	2,218	0.555	1,700 00	1,233 00	1,231 64
Illinois avenue No. 5	2,018	9.72	2,909	0.949	3,200 00	2,777 85	2,761 03
Elliot avenue No. 36	1,200	8.84	2,941	0.847	3,100 00	2,512 30	2,492 15
Joab street No. 8	1,741	10.17	3,017	1.382	4,600 00	4,011 10	4,167 86
Wyoming street No. 2	2,042	10.56	2,803	1.015	3,700 00	2,838 05	2,845 55
Gingrass creek No. 3	10,300	55.15	16,038	1.301	21,000 00	19,346 55	20,858 13
Wyoming street No 3	405	2.42	628	1.073	750 00	631 70	673 50
Northwestern No. 21	2,201	8.90	2,528	1.165	3,800 00	2,958 70	2,945 80
North Chambers street No. 8	1,562	8.80	2,707	1.041	3,400 00	2,865 70	2,818 17
North Mill creek No. 20	3,184	19.00	5,846	1.026	7,350 00	6,143 30	6,000 03
Gingrass creek No. 1	6,582	41.55	12,537	1.381	15,000 00	16,941 09	17,309 42
South Mill creek No. 37	3,710	18.67	5,678	1.311	8,150 00	7,453 70	7,446 28
Ferry street No. 9	6,060	27.61	8,252	1.328	13,700 00	10,918 80	10,920 06
Ferry street No. 10	3,334	23.00	7,247	1.097	8,800 00	8,062 45	7,946 87
Gingrass creek No. 4	750	3.50	925	2.361	2,750 00	2,243 70	2,184 23
Joab street No. 9	2,752	12.64	4,017	0.947	4,900 00	3,874 30	3,802 27
Louisa street No. 10	4,631	22.20	6,541	1.014	10,250 00	6,559 50	6,633 93
Totals	62,115	339.47	101,644	Average rate $1.2697	$133,450 00	$125,152 29	$129,062 15

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No. 5.—PUBLIC SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

Name of Sewer.	Location.	Contractor.	Contract No.	Ordinance No.	Appropriations.	Expended last year.	Remarks.
Mill Creek sewer..	From Cabanne st. west to Vandeventer ave. and on said ave. to Duncan ave.....	Fruin Bambrick C. Co.	1,335	13,413	$ 94,000 00	$ 43,994 51	In progress.
Accomac st. sewer..	From Ohio ave. westwardly to Nebraska ave.....	Philip Brenner.....	1,551	13,706	8,000 00	4,854 18	In progress.
Arsenal st. sewer reconstructed and enlarged.	From a point about 70 ft. west of the St. Louis I. M. & S. Ry. tracks west about 665 feet.....	Edward Reilly.....	1,553	13,707	9,000 00	3,381 30	In progress.
Northwest'n sewer reconstruction.	From a point in O'Fallon street at 9th street westwardly to 12th street.....	Edward Reilly.....	1,608	13,829	10,100 00	.....	Not commenced.
Northwest'n sewer reconstruction.	From O'Fallon st. southwardly on 20th st. to the alley north of Biddle st.....	John Devlin.....	1,597	13,828	1,500 00	450 50	In progress.
Repairing certain public sewers.	Bemen ave. sewer; Camp Spring sewer; Rocky Branch sewer & Arsenal st. sewer.....	Necessary repairs requiring prompt attention.	.....	13,827	15,000 00	6,313 16	In progress.
		Total.....			$137,600 00	$ 58,993 65	

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No. 6 — DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

Name of District.	Contractor.	Contract No.	Ordinance to Establish.	Ordinance to Con'r.	Preliminary Estimate.	Estimated Cost per Bid.	Remarks.
Vandeventer avenue sewer district No. 1	August Heman	1,454	13,482	13,596	$250,000 00	$240,000 00	In progress.
Ohio avenue sewer district No. 18	Fred. Skrainka	1,607	13,854	13,869	1,250 00	1,094 15	
Cherokee street sewer district No. 2	H. Ruecking	1,602	13,845	13,860	1,100 00	1,010 90	
Wyoming street sewer district No. 4	R. Wycoff & B. Crean	1,596	13,855	13,870	1,050 00	913 50	About finished.
Chippewa street sewer district No. 4	Louis Grund	1,603	13,846	13,861	3,250 00	3,035 50	In progress.
Chippewa street sewer district No. 5	H. Ruecking	1,604	13,847	13,862	4,200 00	3,622 42	
Arsenal street sewer district No. 25	Fred. Skrainka	1,598	13,841	13,856	3,000 00	2,595 20	
North Biddle street sewer district No. 16	Fred. Skrainka	1,601	13,844	13,859	700 00	514 49	In progress.
South Chambers street sewer district No. 8	Fred. Skrainka	1,605	13,848	13,863	3,850 00	3,742 31	In progress.
Davis street sewer district No. 8	Edward Reilly	1,609	13,849	13,864	2,600 00	1,998 77	
Davis street sewer district No. 9	R. Wycoff & B. Crean	1,595	13,850	13,865	800 00	654 86	
Branch street sewer district No. 23	H. Ruecking	1,599	13,842	13,857	5,600 00	4,927 10	In progress.
Branch street sewer district No. 24	Fred. Skrainka	1,600	13,843	13,858	1,300 00	1,036 05	In progress.
Farrar street sewer district No. 15	Edward Reilly	1,606	13,853	13,868	750 00	656 33	In progress.
					$279,450 00	$266,363 57	

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No. 7 — SEWER WORK AUTHORIZED BY ORDINANCE AND NOT UNDER CONTRACT.

NAME OF SEWER.	Ordinance to Establish District.	Ordinance to construct sewer.	Estimated cost.	REMARKS.
Illinois avenue sewer district No. 4	13,153	13,160	$5,500 00	
Pestalozzi street sewer district No. 3	13,539	13,549	1,500 00	
Elliot avenue sewer district No. 37	13,851	13,866	3'600 00	
Elliot avenue sewer district No. 38	13,852	13,867	1,700 00	Ready for letting.
Elliot avenue sewer district No. 39	13,945	13,950	720 00	" "
Northwestern sewer district No. 22	13,889	13,890	3,300 00	" "
Arsenal street sewer district No. 26	13,946	13,951	2,100 00	" "
Ohio avenue sewer district No. 14	13,947	13,952	1,200 00	" "
Cass avenue sewer district No. 11	13,948	13,953	2,300 00	" "
Bremen avenue sewer district No. 7	13,949	13,954	1,300 00	
Total for district sewers			$23,220 00	
Ferry street sewer from 21st street to Grand avenue		13,976	11,000 00	" "
Outlet sewer to Farrar street sewer district No. 7		13,978	275 00	" "
Brick sewer on 2d Carondelet avenue and Shenandoah street		13,977	1,312 99	Constructed as a private sewer by G. Cramer.
Total amount			$35,807 99	

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No. 8.—WORK DONE BY SEWER CLEANERS AND LABORERS ASSISTING CLEANERS DURING THE PAST FISCAL YEAR.

KIND OF WORK.	April, 1886.	May, 1886.	June, 1886.	July, 1886.	Aug., 1886.	Sept., 1886.	Oct., 1886.	Nov., 1886.	Dec., 1886.	Jan., 1887.	Feb., 1887.	March, 1887	Nov., 1886.* Dec., 1886.	Total.
Number days examining sewers	34	88	70	58	43	43	29	29	34	58	39	51	108	679
Number days washing sewers	28	18	11	23	104	88	60	10	2	13	23	61	.....	436
Number of days boring for rock and with engineer	26	½	.....	.....	.....	2	6	54	26	14	26	10	.....	164½
Number of inlets cleaned	173	255	194	167	85	126	202	103	74	101	152	171	403	2206

* Work done by the Health Department under the supervision of the Sewer Department. Laborers examining sewers and cleaning inlets.
Total number of inlets in the city 5,187. Number cleaned as above 2,206; or over 40 per cent of the total.
The Street Department furnished men and carts 877½ days for the purpose of hauling dirt from the inlets cleaned.

No. 9.—ANNUAL EXPENDITURES OF THE SEWER DEPARTMENT AND CLASSIFICATION THEREOF FOR THE PAST FOUR FISCAL YEARS.

TO WIT:	Year ending April, 1884.	Year ending April, 1885.	Year ending April, 1886.	Year ending April, 1887.
Construction of public sewers	$ 46,081 38	$114,812 24	$ 80,096 35	$ 93,510 61
Constructing new inlets and manholes, extending sewers, etc.	2,922 64	2,450 27	535 33	990 82
Repairing sewers, inlets manholes, etc.—ordinary repairs	4,165 93	4,325 04	4,776 96	4,875 85
Repairing and reconstructing sewers—extraordinary repairs	1,640 26	525 72	6,891 50	15,078 67
Opening sewers and removing obstructions and cleaning sewers and inlets	7,590 66	4,881 42	5,931 59	6,370 00
Engineering and supervision, including boring for rock, etc.	16,582 18	19,334 04	20,541 30	21,551 68
Office and miscellaneous expenses	1,047 63	1,492 81	559 69	823 34
Total for public sewer construction and maintenance	$ 79,330 68	$147,821 54	$119,222 63	$143,200 97
Construction of district sewers	42,468 82	81,144 63	150,064 02	129,062 15
Total amount	$121,799 45	$228,966 17	$269,286 65	$272,263 12

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No. 10—PRIVATE SEWERS EXCEEDING 100 FEET IN LENGTH, ON PUBLIC AND PROPOSED HIGHWAYS, CONSTRUCTED DURING THE PAST FISCAL YEAR.

Permit No.	Block No.	NAME OF OWNER.	LOCATION OF SEWER.	Size of Sewer.	Length in Ft.	Manholes.	Cost of Inspecti'n
21675	205	Henry McNichols	On Market street from 10th street westwardly	12 in.	217	1	$20 54
21786	449	Mrs. C. Hatch	" Gratiot street from 17th street eastwardly	8 "	157	..	.....
				6 "	26	..	2 74
21820	1047	St. Louis Cable & Western Ry	" Franklin avenue from Channing avenue eastwardly	12 "	127	..	1 37
21888	1684	Mrs. Ann Biddle	" alley bet. Division and O'Fallon streets, from 22d st. westwardly	9 "	106	..	1 42
21984	517	R. S. Brookings	" 11th st. from St. Charles street northwardly to Lucas ave., and thence westwardly	12 "	445	2	4 25
.....	1388E	Gustave Cramer	" Second Carondelet ave. from a point 130 feet north of Shenandoah st. southwardly to and thence westwardly on said Shenandoah st	Brick 2½ f. d	375	..	.....
				15 in.	124	..	.....
22027	215W	E. D. Pattee	" 14th st. from a point north of Spruce st. southwardly to and thence eastwardly on said Spruce st	9 "	136	..	4 25
22496	3742	S. P. Johnson and W. H. Fay	" Cook ave., from Vandeventer ave. westwardly	6 "	251	..	4 11
22661	1200	St. Louis Stamping Co	" 1st st. from Salisbury st. south to Angelrodt st	15 "	1084	3	95 06
22798	809	Martin Neiser, *et al.*	" West alley, bet. 9th and 10th sts. (block 809), from Lami st. southwa'y.	12 "	150	..	3 54
23027	88	G. B. Allen	" 3d st. from Locust st. southwardly connected with the private sewer owned by the Collier estate on Locust st	8 "	116	..	6 83
			Total	.....	3316	6	$144 11

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No. 11 — TENSILE STRENGTH, PER SQUARE INCH, OF HYDRAULIC CEMENT, TESTED IN THE SEWER DEPARTMENT DURING THE PAST FISCAL YEAR.

Brand of Cement.	No. of samples received.	No. of samples passed.	No. of samples rejected.	Greatest tensile strength.	Least tensile strength.	Average tensile strength.	Where Made.
Anchor	61	60	1	81 lbs.	38 lbs.	62.5 lbs.	Louisville, Ky.
Hulme Star	64	62	2	160 lbs.	37 lbs.	82.5 lbs.	Louisville, Ky.
Speed Star	61	60	1	98 lbs.	38 lbs.	67.2 lbs.	Louisville, Ky.
Queen City Star	49	49	0	150 lbs.	58 lbs.	84.2 lbs.	Louisville, Ky.
Black Diamond	7	7	0	98 lbs.	47 lbs.	70.0 lbs.	Louisville, Ky.
Black Acorn	33	32	1	78 lbs.	37 lbs.	63.3 lbs.	Louisville, Ky.
Fernleaf	41	41	0	158 lbs.	47 lbs.	74.2 lbs.	Louisville, Ky.
Milwaukee	7	6	1	56 lbs.	38 lbs.	49.0 lbs.	Milwaukee, Wis.
Crystal	13	9	4	75 lbs.	28 lbs.	49.0 lbs.	St. Louis, Mo.
Mankato	2	1	1	72 lbs.	0 lbs.	36.0 lbs.	Mankato, Minn.
Oakland	2	2	0	51 lbs.	50 lbs.	50.5 lbs.	Oakland, Kan.
Rich Hill	4	0	4	0 lbs.	0 lbs.	0.0 lbs.	Rich Hill, Mo.
Other Brands	3	3	0	110 lbs.	80 lbs.	100.0 lbs.	St. Louis, Mo.
Total	347	332	15				

Number of samples tested for the Sewer Department, 316.

Number of samples tested for other parties, 31.

Average tensile strength of cement used in the construction of sewers during the year, 78 pounds.

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No. 12.—LENGTH IN MILES OF PUBLIC AND DISTRICT SEWERS AND THE EXPENDITURES OF THE SEWER DEPARTMENT FOR EACH FISCAL YEAR SINCE 1862.

DATE.	Length of Public Sewers Constructed during the Year. Miles.	Length of District Sewers Constructed During the Year. Miles.	Total Length of Sewer Constructed during the Year. Miles.	Expenditure for Public Sewer Work and Maintenance during the Year.	Cost of District Sewers Completed during the Year.	Total Cost of Sewer Work and Maintenance during the Year.
Up to April, 1862	11.37	20.89	32.26	$666,215 79	$309,970 97	$976,186 76
Year ending April, 1863	.63	.54	1.17	28,209 73	8,859 13	37,068 86
" " 1864	.26	1.70	1.96	30,678 57	10,582 61	41,261 18
" " 1865	.60	2.65	3.25	42,690 58	27,236 34	69,926 92
" " 1866	1.36	8.10	9.46	80,767 56	129,256 44	210,024 00
" " 1867	1.56	17.24	18.80	131,083 90	409,728 97	540,812 87
" " 1868	2.52	15.88	18.40	126,246 96	441,838 86	568,085 82
" " 1869	2.20	14.60	16.80	240,846 59	329,368 22	570,214 81
" " 1870	2.10	6.93	9.03	219,748 58	112,217 13	331,965 71
" " 1871	2.14	3.89	6.03	286,653 53	52,551 24	339,204 77
" " 1872	1.28	10.81	12.09	255,300 91	123,334 75	378,635 66
" " 1873	2.21	9.54	11.75	304,111 06	131,695 81	435,806 87
" " 1874	1.21	7.79	9.00	214,858 67	164,616 93	379,475 60
" " 1875	2.64	10.75	13.39	182,455 74	179,111 82	361,567 56
" " 1876	1.58	7.03	8.61	132,792 14	115,274 00	248,066 14
" " 1877	1.23	4.30	5.53	78,400 41	55,386 52	133,786 93
" " 1878	1.29	.45	1.74	88,623 56	4,547 64	93,171 20
" " 1879	3.67	5.32	8.99	141,178 07	63,260 86	204,438 93
" " 1880	3.86	4.23	8.09	146,307 10	43,058 38	189,365 48
" " 1881	1.48	4.83	6.31	109,427 79	43,623 29	153,051 08
" " 1882	1.31	7.33	8.64	115,448 82	70,892 15	186,340 97
" " 1883	1.23	5.73	6.96	59,567 81	63,707 46	123,275 27
" " 1884	.73	4.39	5.12	79,330 63	42,468 82	121,799 45
" " 1885	1.26	7.46	8.72	147,821 54	81,144 63	228,966 17
" " 1886	.93	14.07	15.00	119,222 63	150,064 02	269,286 65
" " 1887	3.93	11.76	15.68	143,200 97	129,062 15	272,263 12
Present lengths and cost	**54.88**	**207.90**	**262.78**	**$4,171,189 64**	**$3,292,859 14**	**$7,464,048 78**

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EACH FISCAL YEAR FROM 1861 TO 1887.

h of Sewers	Length of District Sewers	Total Length
Miles	20.89 Miles	31.52 Miles
"	20.89 "	32.26 "
"	21.43 "	33.43 "
"	23.13 "	35 39 "
"	25.78 "	38.64 "
"	33.88 "	48.10 "
"	51.12 "	66.90 "
"	67.00 "	85.30 "
"	81.60 "	102.10 "
"	88.53 "	111.13 "
"	92.42 "	117.16 "
"	103.23 "	129.25 "
"	112.77 "	141.00 "
"	120.56 "	150.00 "
"	131.31 "	163.39 "
"	138 34 "	172.00 "
"	142.64 "	177.53 "
"	143.09 "	179.27 "
"	148.41 "	188.26 "
"	152.64 "	196.35 "
"	157.47 "	202.66 "
"	164.80 "	211.30 "
"	170.53 "	218.26 "
"	174.92 "	223.38 "
"	182.38 "	232.10 "
"	196.14 "	247.10 "
"	207.90 "	262.78 "

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No. 15.—LENGTH AND DIAMETER OF SEWERS BUILT UP TO APRIL 12, 1887.

Mean Diameter in Feet.	Length built during the Past fiscal Year.	Length of Sewer Abolished last Year.	Total Length in feet.
Stone and brick sewer..... 15 x 20	.....	.....	16,889
" " " " ..... 15 x 18	1,463 feet.	.....	3,199
" " " " ..... 12 x 15	.....	.....	8,663
" " " " 10½	.....	.....	12,258
Brick sewer..... 9	.....	.....	2,905
" " ..... 8½ & 8	440 feet.	.....	9,289
" " 7½	.....	.....	6,854
" " ..... 7½ & 7	.....	.....	6,865
" " 6½	.....	.....	2,924
" " 6	.....	.....	12,056
" " 5½	.....	.....	13,868
" " 5	.....	.....	7,071
" " 4½	.....	.....	9,487
" " 4½	2,220 feet.	440 feet	44,715
" " 4	1,956 "	.....	35,489
" " ..... 3½ & 3½	462 "	308 feet.	45,768
" " 3	3,929 "	329 "	153,582
" " 2½	11,903 "	65 "	479,772
" " 2½	.....	.....	39,871
" " 2	.....	.....	51,931
" " 1½	.....	.....	12,618
" " 1½	.....	.....	4,383
Clay pipe sewer..... 1½	1,920 feet	.....	21,281
" " " 1½	26,953 "	.....	193,269
" " " 1	32,704 "	.....	153,436
Cement pipe sewer..... 2	.....	.....	618
" " " 1½	.....	.....	15,610
" " " 1½	.....	.....	22,823
" " " 1	.....	.....	1,110
Totals.....	83,950 feet.	1,142 feet.	1,387,494

Length of public sewers built last year..... 21,835 feet or 4.135 miles.
Length of district sewers built last year..... 62,115 feet or 11.764 miles.

Total length built last year..... 83,950 feet or 15.899 miles.
Sewers abolished last year..... 1,142 feet or 0.216 miles.

Total length of public and district sewers..... 1,387,494 feet or 262.782 miles.

Nine (9) inch pipe to drain public institutions, laid last year, and not included in the above table, 2,057 feet.

No. 16.—COST OF DISTRICT SEWERS PER 100 SQUARE FEET OF AREA ASSESSED FOR EACH CALENDAR YEAR, FROM OCT., 1859, TO JAN. 1, 1887.

Year.	Number of Sewer Districts Completed.	Cost per 100 Square Feet.		
		Maximum.	Minimum.	Mean.
1859	2	$ 1.943	$ 1.593	$ 1.768
1860	26	5.138	0.725	2.307
1861	.....	.....	.....	.....
1862	4	1.715	0.917	1.302
1863	1	1.740	1.740	1.740
1864	6	3.300	1.282	1.973
1865	20	4.555	0.865	3.124
1866	48	6.398	1.900	3.704
1867	59	5.834	0.842	3.319
1868	53	9.722	1.500	3.801
1869	23	2.973	1.351	1.980
1870	15	2.484	1.882	1.793
1871	23	2.863	1.118	1.767
1872	34	4.884	0.895	1.895
1873	33	4.199	1.110	1.851
1874	46	4.611	1.112	2.195
1875	30	2.753	1.175	1.752
1876	14	3.556	1.220	1.938
1877	7	1.712	0.884	1.440
1878	14	2.479	0.857	1.226
1879	15	2.257	0.831	1.408
1880	16	1.781	0.575	1.124
1881	30	2.370	0.690	1.252
1882	17	1.916	0.665	1.214
1883	21	2.685	0.663	1.331
1884	31	4.049	0.660	1.258
1885	31	3.829	0.596	1.404
1886	23	2.214	0.461	1.371

Total number of districts completed up to the end of the fiscal year 1886-1887, 683; draining 5,680.97 acres at a cost of $3,292,859.14. Average cost per acre to the property owners, $584.77.

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No. 17.—NUMBER AND SIZES OF PRIVATE SEWER CONNECTIONS MADE DURING THE SEVERAL FISCAL YEARS FROM APRIL, 1870, TO APRIL 11th, 1887.

Fiscal Year ending April.	Pipe Connections.											Unknown.	Brick.	Iron.	Totals.
	3 inch.	4 inch.	5 inch.	6 inch.	8 inch.	9 inch.	10 inch.	12 inch.	15 inch.	18 inch.	Over 18 inch.				
1871	1	11	2	27	5	91	6	182	10	2	.....	124			
1872	.....	6	3	26	26	145	27	333	30	12	.....	149	6	.....	467
1873	2	10	.....	29	20	132	24	281	28	1	.....	122	6	1	763
1874	3	12	1	63	22	164	49	337	41	5	.....	165	4	1	654
1875	4	5	.....	28	26	170	34	362	43	4	.....	155	.....	.....	869
1876	6	9	.....	52	19	233	32	420	47	5	.....	236	2	1	833
1877	1	5	1	44	11	218	28	353	28	6	.....	208	5	.....	1,065
1878	1	5	.....	44	25	142	33	344	30	3	.....	157	.....	3	898
1879	.....	4	.....	159	20	317	27	189	12	1	.....	.....	2	.....	789
1880	2	8	1	715	38	118	1	20	3	.....	.....	.....	.....	.....	729
1881	.....	10	.....	837	32	66	3	19	4	.....	.....	.....	.....	.....	906
1882	3	10	.....	1177	67	74	3	23	7	.....	1	.....	.....	1	971
1883	.....	3	.....	1077	89	76	5	32	6	.....	1	.....	.....	.....	1,266
1884	.....	4	.....	1173	56	76	3	21	8	.....	.....	.....	.....	.....	1,289
1885	.....	7	.....	1481	49	58	4	32	2	.....	.....	.....	.....	.....	1,341
1886	.....	6	.....	2096	11	66	1	29	5	1	.....	.....	.....	.....	1,633
1887	1	4	1	1583	19	36	1	34	5	.....	.....	.....	2	.....	2,215
Totals.	24	119	9	10,561	535	2,182	281	3,010	309	40	2	1,311	27	7	1,636

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No. 18. — DISTRIBUTION OF INSPECTIONS OF PRIVATE SEWER CONNECTIONS THROUGH CALENDAR YEARS FROM 1877 TO 1886 INCLUSIVE.

Months.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	Monthly average.
January	11	35	7	58	12	78	39	14	25	28	30.7
February	77	33	43	55	23	87	41	65	23	46	49.3
March	67	46	77	83	102	145	156	107	160	135	107.6
April	74	55	88	125	159	126	116	144	266	180	134.3
May	83	64	87	122	152	117	149	223	319	186	150.3
June	71	89	107	89	106	107	160	180	296	234	144.0
July	63	58	89	105	97	122	122	164	196	306	122.3
August	69	71	102	116	143	137	174	158	254	165	138.9
September	70	75	61	97	85	141	135	168	235	149	121.6
October	79	74	101	84	118	143	117	160	188	117	117.6
November	52	57	67	60	135	106	106	105	186	188	101.1
December	33	41	34	36	90	62	68	47	92	73	57.4
	748	698	863	1090	1213	1383	1378	1585	2240	1656	

NUMBER AND SIZES OF PRIVATE SEWERS REPAIRED DURING THE PAST FISCAL YEAR.

Size.	6 inch.	8 inch.	9 inch.	10 inch.	12 inch. and over.	Total.
Number repaired	179	3	23	6	196	407

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ANNUAL REPORT

OF THE

WATER COMMISSIONER

For the Fiscal Year ending April 11, 1887.

OFFICE OF THE WATER COMMISSIONER,
ST. LOUIS, April 23rd, 1887.

Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report of the Department of the Water Commissioner for the fiscal year ending April 11th, 1887: --

The total expenditures have been as follows: —

From Water Works Fund (the fund appropriated for operating and maintaining the works)	$243,784 83
From Water Pipe Fund (the fund appropriated for the extension of the distribution pipe and mains)	164,628 50
From Water Works Extension Fund (the fund appropriated to extend the work)	67,852 75
Total	$476,266 08

In the above sum of $243,784,83 charged as operating expenses, there is included the cost of labor and materials furnished for private work, for taps, repairs to meters, and for materials sold, for which the city has received the sum of $11,390.60. (See table below.)

Deducting this sum the operating expenses amount to $232,394.23, being $1,406.45 less than the previous year.

A comparison of the items of expenditure, income, etc., for each sub-department for five years previous to April 1887, is as follows: —

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STATEMENT SHOWING THE EXPENDITURE AND THE INCOME FOR EACH SUB-DEPARTMENT FOR THE YEARS ENDING APRIL, 1883, 1884, 1885, 1886 AND 1887.

	1882 to 1883.			1883 to 1884.			1884 to 1885.		
	Total Expenditures.	Income.	Net Expenditures of each Sub-Department.	Total Expenditures.	Income.	Net Expenditures of each Sub-Department.	Total Expenditures.	Income.	Net Expenditures of each Sub-Department.
Commissioner's office	$8,498 58		$8,498 58	$8,492 68		$8,492 68	$9,645 47		$9,645 47
Meter Department	17,289 14	$5,873 20	11,415 94	18,371 40	$7,373 70	10,997 70	13,888 54	$8,106 03	5,782 51
Pumping Department	197,776 92		197,776 92	176,738 25		176,738 25	170,702 01	56 00	170,646 01
Settling Basins	11,120 59	5,453 63	5,666 96	13,586 95		13,586 95	12,156 39	234 78	11,921 61
Street Service Department	21,563 23	1,873 65	19,689 58	25,768 53	3,066 90	22,701 63	33,724 43	2,566 65	31,157 78
Inspection	5,721 50		5,721 50	10,250 60		10,250 60	6,060 10		6,060 10
Storage Reservoir	4,045 56	283 72	3,761 84	13,362 69	15 00	13,347 69	10,818 22	29 00	10,789 22
Benton St. Reservoir	7,242 57	3,414 15	3,828 42	8,522 16	919 50	7,602 66	9,123 24	1,107 25	8,015 99
Totals	$273,258 09	$16,898 35	$256,359 74	$274,993 26	$11,375 10	$263,618 16	$266,118 40	$12,099 71	$254,018 69

	1885 to 1886.			1886 to 1887.			Increase.	Decrease.
	Total Expenditures.	Income.	Net Expenditures of each Sub-Department.	Total Expenditures.	Income.	Net Expenditures of each Sub-Department.		
Commissioner's office	$12,097 18		$12,097 18	$12,357 87		$12,357 87	$260 69	
Meter Department	17,436 38	$9,792 68	7,643 70	14,897 75	$8,276 75	6,621 00		$1,022 70
Pumping Department	138,686 96	50 05	138,636 91	148,022 11	59 35	147,962 76	9,325 85	
Settling Basins	11,153 62	236 80	10,917 32	9,892 72	36 75	9,855 97		1,061 35
Street Service Department	44,398 12	3,704 99	40,693 13	36,067 53	2,925 75	33,141 78		7,551 35
Inspection	11,081 26		11,081 26	10,984 99		10,984 99		96 27
Storage Reservoir	6,739 36		6,739 36	6,993 91	5 00	6,993 91	254 55	
Benton St. Reservoir	7,010 46	1,018 64	5,991 82	4,562 95	87 00	4,475 95		1,515 87
Totals	$248,603 34	$14,802 66	$233,800 68	$243,784 83	$11,390 60	$232,394 23	$9,841 09	$11,247 54
							Less increase	9,841 09
							Total decrease	$1,406 45

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It will be seen that there was an increase in the expenditures during the year, in the Commissioner's office, in the pumping department and at the storage reservoir, the total increase amounting to $9,841.09.

Of this amount $5,415.31 has been paid for the increased quantity of coal used during 1886–7 over the year 1885–6.

There was a decrease in the expenditures of the following sub-departments, viz.: —

Tap and meter department, settling basins, inspection, street service department and at the Benton street reservoir grounds amounting to $11,247.54.

The main item in the above decrease is in the expenditures of the street service sub-department.

PUMPING DEPARTMENT.

The total number of hours that the engines ran were: —

At the low service station 17,116 hours and at the high service station 16,720 hours.

This is an increase over the working hours of the previous year of 3,344 hours at the low service and 1,148½ hours at the high service.

The quantity of water pumped was: —

At the low service ten thousand nine hundred and seventy-nine millions and seventy-six thousand (10,979,076,000) gallons being ten hundred and fifty-four millions three hundred and seventy-eight thousand (1,054,378,000) gallons more than were pumped at this station during the previous fiscal year.

At the high service, the quantity of water pumped was ten thousand eight hundred and seventy-seven millions eight hundred and ninety-six thousand (10,877,896,000) gallons being ten hundred and fifty-nine millions nine hundred and fifty-three thousand (1,059,953,000) gallons more than was pumped at this station during the previous year.

The increase at each station is very nearly equal to eleven per cent.

The following tables give the hours of pumping, amount of coal used and quantity of water pumped at each station each month during the year.

LOW SERVICE STATION.

RECORD OF WORK DONE BY THE LOW SERVICE ENGINES.

Month.	Hours of Pumping.	Number of Revolutions.	Bushels of Coal Used.	U. S. Gallons of Water Pumped.
April, 1886	1,046	547,500	21,341	744,619,000
May, "	1,321	655,700	25,866	894,594,000
June, "	1,389	687,000	27,949	910,741,000
July, "	1,547	823,600	33,563	1,094,261,000
August, "	1,533	858,300	36,859	1,093,066,000
September, "	1,506¼	783,100	33,952	996,689,000
October, "	1,547	789,000	33,933	1,008,126,000
November, "	1,359	717,300	29.985	892,381,000
December, "	1,435	766,400	31,374	911,717,000
January, 1887	1,429¼	779,000	30,457	927,108,000
February, "	1,212	618,100	27,319	721,159,000
March, "	1,265¾	590,800	27,420	782,665,000
Total	16,720¼	8,615,800	360,018	10,979,076,000

Engine No. 1 worked 5,249¼ hours.
" " 2 " 6,595 "
" " 3 " 4,876 "
Total.....16,720¼ "

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HIGH SERVICE STATION.

RECORD OF WORK DONE BY HIGH SERVICE ENGINES.

Month.	Hours of Pumping.	Number of Revolutions.	Bushels of Coal Used.	U. S. Gallons of Water Pumped.
April, 1886	1,116	737,600	58,528	738,323,000
May, "	1,336	895,900	69,818	891,881,000
June, "	1,440	1,019,200	78,774	914,030,000
July, "	1,616	1,106,300	83,171	1,065,668,000
August, "	1,727	1,163,900	91,372	1,072,257,000
September, "	1,672 1-2	1,125,900	85,471	1,003,432,000
October, "	1,583 1-2	1,080,800	78,720	986,847,000
November, "	1,384	938,200	68,849	870,992,000
December, "	1,486 3-4	1,044,400	63,272	919,199,000
January, 1887	1,434 2-3	966,500	72,470	927,227,000
February, "	1,108 3-4	718,200	57,971	717,075,000
March, "	1,210 3-4	779,700	63,217	770,965,000
Total	17,115 11-12	11,576,600	866,633	10,877,896,000

Engine No. 1 worked	1,298 7-12	hours.
" " 2 "	1,289 5-12	"
" " 3 "	7,788 4-12	"
" " 4 "	6,759 7-12	"
Total	17,115 11-12	"

Referring to the above table of work done at the low service station, it will be noticed that the hours run during the months of July, August, September and October exceeded the hours in the month multiplied by two, showing that during these four months all three of the engines had to be in service at the same time for a number of days in order to keep up the supply of water.

The cost of repairs and betterments to the pumping machinery, boilers and appurtenances has been at the low service station $5,504.34; and at the high service station $7,137.16, making a total of $12,641.50.

The main item of expense in the repairs at the low service station was putting in a new valve plate in Engine No. 3.

As the room in the pump pits at this station is almost entirely taken up by the machinery, it is both difficult and expensive to make such a repair as this. In order to save the expense and time to take down the machinery above the casting that had to be replaced, the old casting (some 118 inches in diameter and 20 inches high, weighing about 8 tons) was cut and the new casting was made in two pieces with a heavy central flange, the two pieces being bolted together with reamed bolts.

This work will be completed within a few days. As soon as this machine can be put in service, work will be commenced putting in a new channel way and air pump on engine No. 1, to be followed by the same kind of repair for No. 2.

Neither of these machines could be expected to work through the coming season, in their present condition.

By working a day and night force it is expected to get both these jobs done by the 1st of June.

The upper tier of valves in main pumps Nos. 1 and 2 have been replaced, reground and put in place. While the machines are laid up for putting in the new channel way, and air pumps, the lower tier of valves will also be changed; and all the front work and valve gear rebuilt.

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At the high service station important repairs and improvements have been made to each of the machines.

On the 1st of January engine No. 1, was shut down to make extensive repairs. These repairs consisted of putting in new bucket valve to main pump, putting in new pump rod, refacing and grinding all of the main pump valves, putting new counter balance beam pin with new brasses and new journal pins for lower end of the connecting rods, refitting all the journals and boxes of the valve gear below engine room floor and a most thorough cleaning and repairing of all parts of the machine.

These repairs were completed on Feb. 16th, and the machine put into service.

As soon as No. 1 was at work, engine No. 2 was dismantled and the same amount and kind of repairs was commenced on it.

This work is progressing well and will be completed about the middle of this month.

During December engine No. 3 was quite thoroughly overhauled and all the journals and brasses were refitted.

The repair work on this engine yet to do, is putting in a complete set of new gear wheels on valve motion, and reface valves of main pump.

This work will be completed about the end of the month.

A large amount of work has been required on engine No. 4.

The air pump rod and piston were taken out and the rod recased. New floating cover put in hot well. The main beam had worked loose and moved slightly sideway, it was forced back and fastened to main pin.

Front end of masonry foundations fastened by placing a large cast iron girder, below the girders supporting main pump and lengthening out holding down bolts.

On February 6th, two large cracks were discovered in the bottom of the steam cylinder. These cracks were on the rear part of the cylinder, and just at the point where the lugs of the holding down bolts take hold of it. The repair was made by first cutting out the old lugs and the brackets, and fitting and fastening in with ream bolts two heavy castings.

A new channel way has been made for this machine and probably will be put in this spring.

In addition to the above, the ordinary repairs required were kept up as heretofore.

COST OF PUMPING PER MILLION GALLONS.

The expenditures chargeable to pumping were: —

High service	$96,201 39
Low service	45,345 93
Total	$141,547 32

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The items of this expenditure were as follows: —

Items.			*High Service.*	*Low Service.*
Pay-rolls			$34,500 00	$17,250 00
Coal, 376,663 bushels, at 6c.	$22,599 78			
" 489,970 " at 5.6c.	27,438 32		50,038 10	
" 145,578 " at 6c.	8,734 68			
" 214,440 " at 5.6c.	12,008 64			20,743 32
Tools, materials and labor for repairs			7,137 16	5,504 34
Packing and cotton waste			979 36	394 64
Gas for lighting works			1,699 97	516 23
Engine and house supplies			1,089 38	743 77
Oils and tallows			757 42	193 63
Total			$96,201 39	$45,345 98

The cost of pumping one million gallons was $4.131 at the low service and $8.843 at the high service. Total for both services $12.974 as follows.

	High Service.	*Low Service.*
Wages of engineers, mechanics, firemen, coal passers, etc.	$3.171	1.571
Coal	4.600	1.889
Materials, tools and labor for repairs	.656	.501
Engine and house supplies	.416	.170
Total	$8.843	$4.131

The following table gives the cost of pumping one million gallons during the last eight years to wit:—

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COST OF PUMPING PER MILLION GALLONS.

	1879-80.		1880-81.		1881-82.		1882-83.		1883-84.		1884-85.		1885-86.		1886-87.		Average for 8 years.	
	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.	High Service.	Low Service.
Wages of engineers, mechanics, firemen, coal passers, etc.	3.775	1.850	3.171	1.572	3.385	1.679	3.236	1.618	3.521	1.761	3.571	1.756	3.422	1.693	3.171	1.571	3.406	1.687
Coal	6.486	2.497	8.192	2.854	9.137	3.164	7.923	2.400	7.131	2.265	5.722	1.980	4.885	1.738	4.600	1.889	6.759	2.348
Material, tools and labor for repairs	.103	.050	.307	.148	.467	.309	.305	.968	.778	.889	2.719	.582	1.120	.914	0.656	0.501	.807	.458
Supplies	.428	.210	.361	.179	.357	.177	.457	.191	.408	.199	.424	.162	.475	.208	0.416	0.170	.416	.187
Totals	10.792	4.607	12.061	4.753	13.346	5.329	11.921	5.177	11.838	5.114	12.436	4.480	9.902	3.853	8.843	4.131	11.388	4.680
Totals for both services	15.399		16.784		18.675		17.098		16.952		16.916		13.755		12.974		16.068	

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The repairs to the buildings at the pumping stations have cost $1,324.39.

SETTLING BASINS AND GROUNDS.

During the year the expenditures for gate tenders, cleaning basins, repairing roads and railroad switches, etc., amounted to $9,892.72.

An itemized statement showing the various kinds of work done and the cost of the same is given in Table D, No. 8.

The total amount of sediment removed from the basins during the year was a little over one hundred and twenty-four thousand (124,000) cubic yards, costing for labor, a little less than 1¾ cents per cubic yard.

The depth of sediment taken out from each basin was:

Date.	*Number of Basin.*			
1886.	1.	2.	3.	4.
July	40 in.	36 in.	38 in.	36 in.
August	. ...	.....	.....	36 in.
October	15 in.	19 in.	11 in.	9 in.
March, 1887	10 in.	9 in.	.....	.....
Total	65 in.	64 in.	49 in.	81 in.

Equal to twenty-one and fifty-eight hundredths (21.58) feet.

If the present stage of water in the river continues another week, we shall be able to clean basins No. 3 and 4 yet this spring, if so it will lessen the expense of the July and August cleaning considerably.

STREET SERVICE DEPARTMENT.

The expenditures during the year for this sub-department were $36,067.53. Included in this amount is the cost of labor and materials furnished for doing private work, for which the city received $2,925.75, leaving the net expense $33,141.78, and in this last amount is included the cost of labor and materials used to perfect certain portions of the distribution system.

The labor and materials used for these betterments amounted to $6,493.08, of which $3,730 was for labor.

This work included the laying of 10,957 lineal feet of 6-inch pipe, 52 lineal feet of 8-inch pipe, 100 lineal feet of 12-inch pipe, the setting of 118 fire plugs and lowering 1,300 lineal feet of 6-inch pipe.

NUMBER OF FIRE PLUGS AND STOP VALVES REPAIRED, SET, ETC.

	Fire Plugs.	*Stop-Valves*
Cleaned, oiled and worked	10,413	9,938
Repaired	86	18
Replaced	7	19
Moved	5	..
Raised and lowered	51	..
Taken out	..	9
New Stop valves set	..	42
New fire plugs set	118	..

Of the new stop-valves set, 1 was 10-inch; 38 were 6-inch; 1 was 4-inch and 2 were 3-inch.

Of the stop valves taken out, 3 were 10-inch; 2 were 6-inch; 1 was 4-inch and 3 were 3-inch.

Twenty-two 6-inch check valves were set.

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One hundred and eighty-two leaks were dug for and repaired, viz.:—

Size of Pipe.	Number of Leaks.	Miles of Pipe.	Miles of Pipe per Leak.
Thirty-six inch pipe	3	8.5	2.8
Thirty " "	6	5.6	0.9
Twenty " "	7	19.8	2.
Fifteen " "	2	8.6	4.3
Twelve " "	11	21.5	1.9
Ten " "	6	9.0	1.5
Eight " "	0	3.7	0
Six " "	60	187.9	3.1
Four " "	2	1.8	0.9
Three " "	11	12.5	1.1
Totals	108	278.9	Av. 2.58

High Service engine house.....3
Lead pipes.....71.0

In addition to the foregoing the street service men did the following work during the year:—

436 shut offs made for repairs of mains.
109 shut offs made for contractors laying water pipe.
76 shut offs made for plumbers.
39 ferrules drawn.
20 taps shut off.
7 connections cut.
64 new valve boxes set.
30 new fire plug boxes set.
199 valve boxes replaced.
226 fire plug boxes replaced.
155¾ days labor furnished sewer department.
29½ days labor furnished health department.

TAPPING AND METER DEPARTMENT.

The expenditures for labor and materials used in the tap and meter service were $14,897.75. This amount includes the cost of taps, meters, meter boxes, repairs to meters, labor etc., for which the city has received the sum of $8,276.75, leaving the net expense of this sub-department to be $6,621.

Table D, No. 5, gives in detail the items of expenditure in this service.

The number of taps inserted in the mains during the year ending April, 1887, was 1976 and the total number of taps in service is 31,-794. For size of taps and details see Table "B," No. 4.

In the meter service the work during the year was as follows:—

	4 inch.	3 inch.	2 inch.	1½ inch.	1 inch.	¾ inch.	⅝ inch.	½ inch.	TOTAL.
New meters set	2	4	1	2	3	6	10	1	29
Meters taken out	1	2	5	—	12	—	6	12	38
Meters taken out and replaced	3	4	5	5	19	9	10	10	65

There were 554 meters tested, of which 351 were tested in meter room and 203 tested in place. Meters repaired in place, 1071; repaired in meter room, 6; new boxes set, 34; new frames and cover set, 15. Sixty-eight trips hauling to Bissell's Point were made.

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STORAGE RESERVOIR.

The net expenditures upon the grounds and buildings at the storage reservoir were $6,993.91. Of this amount $4,399.29 was for labor, and $1,094.94 for repairs to buildings.

Table "D," No. 9, gives the details.

The reservoir embankments and the slope walls are all in good order. The gate house requires a new floor and painting inside and out. All the gates and gate chambers are in perfect working order.

BENTON STREET RESERVOIR.

Work in removing the old stone and brick walls, and in grading the streets and alleys at the site of the Benton Street reservoir continued until the latter part of July.

The expenditures were $4,562.95, received for bricks sold, $87.00. Most of the $4,500 was expended in breaking up the stone into "macadam" and dressing the best of the material for use as gutter and paving stone. This material remains on hand for use whenever required.

INSPECTION.

In this sub-department there has been $10,984.99 expended, of which $990 was for inspecting pipes and castings; $3,101.87 was for inspecting the laying of pipes, etc., by contract, and $6,893.12 for detecting the waste of water.

WATER CONSUMPTION.

The average daily consumption for the year ending December 31st, 1886, was 30,061,000 gallons, being 3,196,000 gallons per day more than the consumption of 1885, and 5,462,000 gallons per day more than the consumption of 1884.

The increase in the income for water licenses for the year 1886–87, over the year 1885–86, was about $70,000. The consumption of water was increased during 1886–87, ten hundred and sixty million gallons over that of 1885–6; the increase in income then is obtained by selling an additional quantity of water at $66 per million gallons, or at the rate of 66–100 of a cent for one hundred gallons of water.

A comparison of the average daily consumption of water for each month during 1885 and 1886, and also for the years 1880 to 1886 (inclusive) is as follows: —

A COMPARISON OF THE AVERAGE DAILY CONSUMPTION OF WATER EACH MONTH DURING 1885 AND 1886

MONTH.	1885.	1886.	Increase.	Decrease.
January	28,800,000	30,029,000	1,229,000	
February	29,524,000	28,534,000		990,00
March	23,725,000	23,807,000	82,000	
April	22,578,000	25,174,000	2,596,000	
May	24,391,000	28,446,000	4,055,000	
June	27,373,000	30,727,000	2,354,000	
July	29,504,000	34,522,000	5,018,000	
August	30,358,000	34,589,000	4,231,000	
September	28,768,000	33,134,000	4,366,000	
October	26,974,000	31,693,000	4,719,000	
November	24,693,000	28,954,000	4,261,000	
December	25,697,000	31,023,000	5,326,000	
Average per day per month	26,865,000	30,062,000	3,197,000	

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SHOWING INCREASE AND DECREASE PER DAY PER YEAR FROM 1880 TO 1886.

	1880.	1881.	1882.	1883.	1884.	1885.	1886.
Average consumption per day per year.....	25,124,000	27,500,000	27,978,000	27,400,000	24,599,000	26,865,000	30,062,000
Increase per day per year	.....	2,376,000	478,000	.....	.....	2,266,000	3,197,000
Decrease per day per year	.....	.....	.....	578,000	*2,801,000	.....	.....

* The large decrease in water consumption during the year 1884, is probably owing to the fact that a vigorous house to house inspection of water supply fixtures, using a large number of men, was continued from January 8th to July 1st of this year. This being the first thorough inspection of this kind, it had the effect to decrease the waste considerably.

Table "A" No. 2 gives the average daily consumption of water in millions of U. S. gallons for each day of the year ending March 31st, 1887, and table "A" No. 3 gives the consumption from July, 1871, to March, 1887, inclusive.

Diagram "A" No. 4 shows the average monthly and yearly consumption from 1871 to 1886.

EXTENSION OF DISTRIBUTION AND EXTENSION OF DISTRIBUTION MAINS.

During the year past seventeen miles of water pipe have been laid of which eight and one-third miles were twelve and twenty-inch pipe.

A large portion of this new pipe has been laid in the district west of Grand avenue and between Lindell avenue and St. Ferdinand street. The water service in this district was quite defective owing to the lack of large pipes and connections.

Other important lines of pipes have been laid in the north part of the city, through what is known as the "lumber district." This section is now well supplied with large mains.

The distribution system in the south part of the city, between the river front and Seventh street, from Chouteau avenue south to Arsenal street, has been much improved during the year. It is within this district the Cotton Compress Warehouses are located.

The important work now on hand connected with the distribution, is the laying of a line of thirty-six-inch pipe through Hebert street for the purpose of connecting the thirty-six-inch pipe on Twentieth street with the thirty-six-inch line on Grand avenue.

About nineteen miles of water pipe, authorized by ordinance are yet to be laid. All of this is under contract.

Table "B," No. 1, gives the location, length and size of the water pipes laid during the year.

Table "B," No. 2, gives the total length of water pipes of each size now in service.

Table "B," No. 3, gives the total number of valves, fire plugs, etc., now in use in each district.

One and three-tenths miles of pipe have been taken up, as shown in the following table:—

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PIPES TAKEN UP OR ABANDONED FROM APRIL 1, 1886, TO APRIL 1, 1887.

Street.	From.	To.	Size.	Length in feet.
Angelica street	Main street	Broadway	6 in.	649.5
Broadway	Angelica street	Penrose street	6 in.	373.0
*Biddle street	At	Thirteenth street	3 in.	25.0
Cardinal avenue	School street	Easton avenue	6 in.	154.0
Chestnut street	Near	Fourteenth street	3 in.	67.0
*Eighth street	Near	Olive street	6 in.	50.0
Kosciusko street	Miller street	Barry street	6 in.	296.0
*Lafayette avenue	At	Broadway	4 in.	40.0
*Lindell avenue	Grand avenue	Cabanne street	6 in.	996.0
*Locust street	East of	Ninth street	3 in.	60.0
Miller street	Main street	Levee	6 in.	478.0
*Morgan street	At	Thirteenth street	3 in.	30.0
Page avenue	Grand avenue	Vandeventer avenue	6 in.	2,604.0
Prairie avenue	At	St. Ferdinand street	6 in.	52.5
Second street	Rutger street	Park avenue	4 in.	468.0
Second street	Rutger street	Park avenue	6 in.	502.0
*Twelfth street	At	Morgan street	3 in.	65.0
		Total		6,910.0

* Taken up by Street Service Department.

RECAPITULATION.

6,155 lineal feet of 6-inch pipe taken up.
508 " " " 4 " " " "
247 " " " 3 " " " "

Twenty-two six inch check valves have been set, thus completing the proposed scheme of separation between the distribution of the high and low districts, which scheme was outlined in the last annual report.

Up to the present date the effect of these valves has been highly satisfactory.

The location of these valves is as follows: —

On Geyer ave. west side of Twelfth st.
" Russell ave. west side of "
" Ann ave. west side of "
" Clark ave. w. s. of Jefferson ave.
" Walnut st. w. s. of "
" Market st. w. s. of "
" Chestnut st. w. s. of "
" Pine st. w. s. of "
" Olive st. w. s. of "
" Locust st. w. s. of "
" Washington ave. w. s. of "

On Lucas ave w. s. of Jefferson ave.
" Morgan st. w. s. of "
" Mills st. w. s. of "
" Stoddard st. w. s. of "
" Gamble st. w. s. of "
" Dayton st. w. s. of "
" Dickson st. w. s. of "
" Thomas st. w. s. of "
" Sheridan ave. w. s. of "
" Howard st. w. s. of "
" Madison st. w. s. of "

About two hundred and fifty post fire hydrants of the city pattern are now in use and have given satisfactory service.

They have been introduced only in the central part of the city, along the paved streets.

As there was a scarcity of fire plugs around Lafayette Park, ten new fire plugs have been set in that neighborhood during the year.

The pipe distribution in the older districts has been much improved at a number of points, by connecting up pipes, which crossed without connection.

Three 12-inch blow off valves, which formerly discharged at the street surface, have been connected with sewers, so as to render them more efficient for drawing the 36-inch mains to which they belonged. This work required the laying of about 120 feet of 12-inch sewer pipe, which was done by the street service men.

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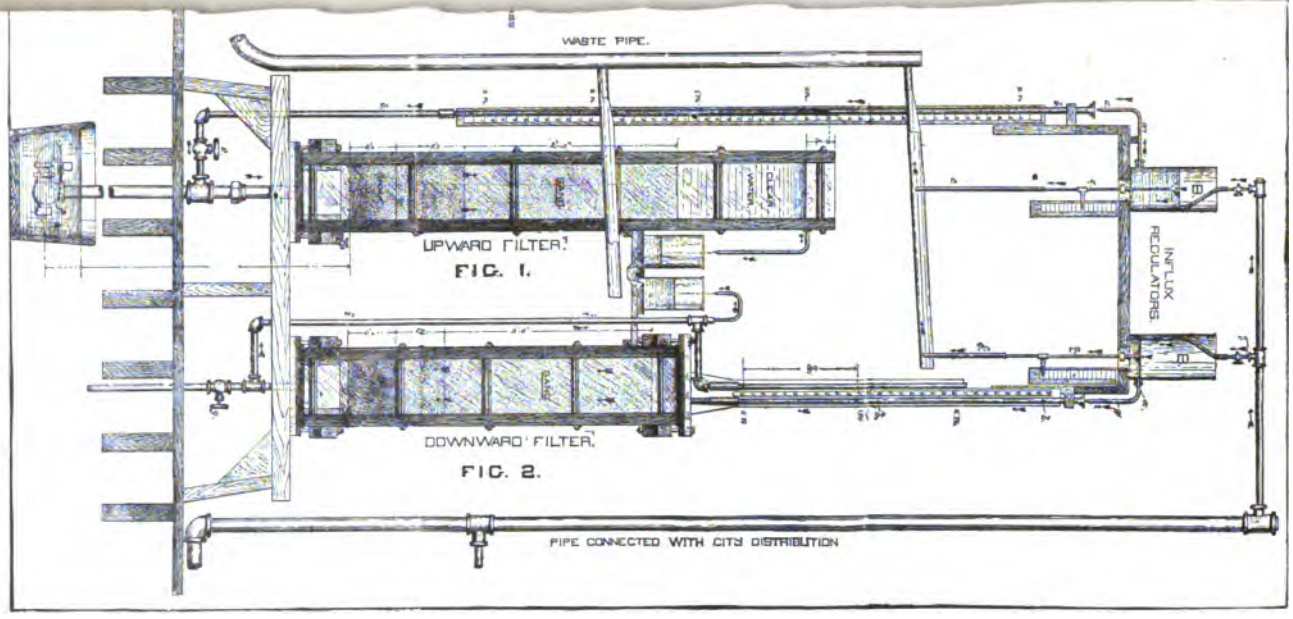

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In table "B" No. 3 the items of blow off valves, air taps, and check valves have been revised by actual count.

EXPERIMENTS ON FILTRATION.

Experiments to determine the comparative value of the upward and downward systems of filtration as applied to the Mississippi water at St. Louis, and also to determine the most economical rate of filtration, the best arrangement of the sand and gravel, and the comparative efficiency of the various kinds of filtering materials, have been carried on since August 18th, 1885.

A drawing showing the experimental filters is hereto attached. Fig. 1 represents the upward filter and fig. 2 the downward filter.

The filters are rectangular in section (12" x 6") with two glass sides each, and the filtering material consists entirely of clean sand and gravel; the coarse gravel being placed below; above this are placed successive layers of finer sand and gravel, with two feet of white sand on top.

The basins "B" with tubes a. a. serve to regulate the supply of water to the filters, the depth of water in the basin being regulated by moving the overflow pipe c. c. which passes through a stuffing box in the bottom of the basin.

The supply for both filters has been kept at a uniform rate, usually at the rate of 50 gallons per square foot of filtering surface per 24 hours.

FIG. 1, UPWARD FILTER.

When the filter is in operation the valve e. is closed, and valve f. is opened.

The water enters the tube b. b., follows the direction of the arrows, passes up through the gravel and sand, and the clear water collects above the sand. This filter is "reversed" twice per week i. e, the valve e. is closed, and the valve f. opened, when all of the clear water runs back through the sand and gravel and washes out a considerable portion of the sediment; h. is the head or pressure required to force the water up through the filtering material, and is read off on the scale. This head gradually increases until the water is "reversed," thus cleaning the sand and reducing the head again. Gradually, however, the filtering material becomes clogged, and when the head h. of filtration has become as high as 3 feet, the sand and gravel is taken out and thoroughly washed and returned. This filter was in constant use, from August 18th, 1885, to August 1st, 1886, a period of 11 1-2 months without the sand and gravel being removed.

FIG. 2, DOWNWARD FILTER.

When this filter is in operation, the valve g. is closed and the valve f. is opened.

The water enters the tube b. b. follows the direction of the arrows, passes down through the sand and gravel and up through tube i. i., h. is the head of filtration, or the pressure required to force the water through the filtering material, and is read off on the scale. As the sand becomes clogged with sediment this head increases, and when the head has reached 3 feet the cover is taken off of filter and about $\frac{1}{10}$ ft. of the white sand removed from the top, when the cover is replaced and the filter again started. When the depth of white sand has, by successive

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removals, been reduced to from 1 ft. to $\frac{1}{10}$ ft. the whole original quantity of sand is washed and replaced. This filter was in operation from August 18th, 1885, to February 26th, 1886, during which time the white sand was reduced in depth from 2 ft. to 0.33 ft. by 18 removals of an average depth of 0.09 ft. made at an average interval of about 10 days.

Fig. 3. Represents a large experimental filter 10 ft. x 12 ft., or with 120 square feet of area. It is, in principle, exactly the same as the small upward filter in Fig. 1. and has been in operation since July 20th, 1886; it filters at the rate of 50 gallons per square ft. of filtering surface per 24 hours or a total of 6000 gallons per 24 hours. Water is supplied at an uniform rate, and the head of filtration increases as the sand becomes clogged with sediment.

Sheet "A" shows the head of filtration for each day, the time of reversal or removal of sand, and the depth of the layer of white sand, for the two small filters.

EXPERIMENTS TO DETERMINE THE SEDIMENT, CHLORINE AND HARDNESS.

Daily determinations have been made of the amount of sediment in the water when delivered into the settling basins by the low service pumps, and when supplied to the consumers, also of the amount of chlorine and of the hardness of the water, 1st, as delivered to the consumers, 2d, of a sample taken from the Missouri side of the river, at the chain of rocks, 3d of a sample taken from the Illinois side of the river, at the chain of rocks. Tabular statements are appended giving the monthly averages and the maximum and minimum for each month, of the above determination.

TABLE OF MONTHLY AVERAGES, AND OF THE MAXIMUM AND MINIMUM DURING THE MONTH, OF THE DETERMINATION OF THE MATTER IN SUSPENSION.

SUSPENDED MATTER—PARTS PER 1,000, BY WEIGHT.

MONTH.	AVERAGE.				MAXIMUM.				MINIMUM.			
	A.	B.	C.	D.	A.	B.	C.	D.	A.	B.	C.	D.
October, 1885	0.650	0.197	0.071	0.050	0.940	0.353	0.196	0.094	0.246	0.083	0.000	0.000
November	0.533	0.230	0.089	0.080	0.839	0.403	0.176	0.219	0.218	0.129	0.024	0.025
December	0.329	0.148	0.061	0.055	0.635	0.249	0.191	0.114	0.088	0.039	0.018	0.005
January, 1886	0.241	0.110	0.057	0.053	0.881	0.374	0.265	0.226	0.000	0.000	0.000	0.000
February	0.570	0.226	0.135	0.122	1.432	0.477	0.289	0.235	0.004	0.000	0.000	0.000
March	1.510	0.559	0.211	0.195	3.171	1.295	0.336	0.570	0.719	0.231	0.098	0.049
April	1.721	0.548	0.118	0.124	3.206	1.073	0.259	0.972	1.092	0.150	0.045	0.047
May	1.583	0.447	0.124	0.106	2.566	0.770	0.358	0.311	0.848	0.204	0.051	0.039
June	1.963	0.332	0.073	0.073	4.568	0.841	0.292	0.215	0.688	0.139	0.000	0.000
July	1.308	0.316	0.142	0.082	2.316	0.619	0.299	0.132	0.801	0.121	0.042	0.014
August	0.880	0.197	0.077	0.051	1.147	0.364	0.146	0.166	0.617	0.025	0.000	0.000
September	0.573	0.187	0.061	0.043	0.813	0.324	0.159	0.116	0.440	0.065	0.010	0.010
Yearly	0.987	0.291	0.102	0.086								

NOTE: "A"—Sample taken from Distribution Well while Basin is being filled.
"B"—Sample taken from Basin near Efflux Well as soon as Basin is filled.
"C"—Sample taken from Basin near Efflux Well, when drawing is commenced.
"D"—Sample taken from Basin near Efflux Well when drawing is stopped.

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TABLE OF MONTHLY AVERAGES AND OF THE MAXIMUM AND MINIMUM DURING THE MONTH, OF THE DETERMINATION OF CHLORINE IN THE MISSISSIPPI RIVER WATER AT BISSELL'S POINT AND AT THE CHAIN OF ROCKS.

CHLORINE — GRAINS PER GALLON.

MONTH.	AVERAGE.			MAXIMUM.			MINIMUM.		
	Bissell's Point.	Chain of Rocks.		Bissell's Point.	Chain of Rocks.		Bissell's Point.	Chain of Rocks.	
		Mo. Side.	Ill. Side.		Mo. Side.	Ill. Side.		Mo. Side.	Ill. Side.
March, 1886	0.56	0.43	0.24	0.76	0.84	0.30	0.41	0.27	0.22
April, "	0.53	0.33	0.20	0.70	0.62	0.27	0.43	0.19	0.16
May, "	0.50	0.29	0 17	0.62	0.54	0.27	0.32	0.16	0.16
June, "	0.60	0.48	0.33	0.78	0.92	0.49	0.46	0.32	0.16
July, "	0.53	0.53	0.38	0.70	0.70	0.52	0.47	0.38	0.27
August, "	0.87	0.87	0 50	1.49	1.46	0.58	0.70	0.58	0.41
Sept., "	1.15	0.99	0.44	1.52	1.11	0.55	0.93	0.87	0.41
October, "	1.16	0.95	0.39	1.46	1.22	0.47	0.99	0.82	0.35
Nov., "	1.16	1.06	0.38	1.34	1.28	0.50	1.05	0.87	0.29
Dec., "	1.25	1.58	0.60	1.76	2.51	0.70	1.17	1.17	0.47
January, 1887	1.36	1.39	0.49	1.52	1.69	0.50	1.05	0.82	0.47
February, "	0.97	0.74	0.43	1.52	1.69	0.47	0.58	0.29	0.23
Yearly	0.89	0.80	0.38						

TABLE OF MONTHLY AVERAGES, AND OF THE MAXIMUM AND MINIMUM DURING THE MONTH, OF THE DETERMINATION OF THE HARDNESS OF THE MISSISSIPPI RIVER WATER AT BISSELL'S POINT AND AT THE CHAIN OF ROCKS.

HARDNESS — DEGREES OF.

MONTH.	AVERAGE.			MAXIMUM.			MINIMUM.		
	Bissell's Point.	Chain of Rocks.		Bissell's Point.	Chain of Rocks.		Bissell's Point.	Chain of Rocks.	
		Mo. Side.	Ill. Side.		Mo. Side.	Ill. Side.		Mo. Side.	Ill. Side.
March, 1886	7.10	7.35	7.72	8.20	8.06	8.60	6.25	6.13	6.48
April	7.56	6.57	6.89	8.32	7.42	7.64	6.80	6.10	6.10
May	7.88	7.10	6.58	9.92	7.89	7.39	6.22	6.44	5.60
June	8.98	8.54	8.59	10.32	9.77	9.90	5.38	6.67	6.00
July	6.70	6.54	7.22	7.25	7.29	7.86	5.60	5.67	5.81
August	7.14	7.19	8.18	7.92	7.89	8.70	6.58	6.50	7.56
September	8.35	7.72	7.95	8.64	8.06	8.91	7.92	7.11	7.31
October	8.52	8.22	7.49	8.79	8.97	8.68	7.95	7.48	6.82
November	9.58	8.12	6.79	9.69	8.61	7.43	8.50	7.59	5.98
December	11.62	10.13	9.37	12.48	12.38	11.14	9.69	9.00	7.76
January, 1887	11.23	11.41	8.92	12.26	12.80	8.99	10.64	9.52	8.77
February	8.70	7.08	5.98	11 04	11.01	8.68	5.83	4.62	4.95
Yearly	8.61	7.99	7.64						

EXTENSION OF THE WORKS.

On the High service extension, Stand Pipe No. 2 has been completed (with the exception of the retaining wall at the base of the mound and the flagging of sidewalk), water was let into the stand pipe upon the completion of the connection of pump main No. 4 with engine No. 4, which was done October 10, 1886, since which time this work has been

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in constant service. I append three artotypes, showing the stand pipe at different stages of construction.

The stone masonry foundations for High service engine No. 5 have been completed.

The contractors for High service engine No. 5 are progressing well with the work, castings, wrought iron work and other materials to the amount of about one-third of the contract price have been made.

An ordinance has been passed authorizing the Board of Public Improvements to purchase some steam pumps for temporary service at the Low service station and appropriating $45,000 for the purpose. This ordinance will become a law on the 18th inst.

In regard to new work I would suggest that the Board recommend to the Comptroller the following estimate of appropriations for new work, to wit: —

For pump main No. 5 High service extension	$ 35,000 00
For extending distribution system	55,000 00
For Low service extension (appropriated and set apart to be used at such time as the location and construction of the works are duly authorized by ordinance)	450,000 00

Heretofore, in speaking of the construction of the Low service extension, from three to four years time has always been considered as required to advance the works sufficiently to have them deliver water to the High service pumps.

The main point in regard to this question of time has always been the amount of money that could be appropriated each year for the work.

Should the chain of rocks location be decided upon, there is no reason why the entire conduit could not be constructed in two working seasons (say total time about eighteen months), if the funds can be had to prosecute the work.

For this reason it appears to me to be for the best that the fund be allowed to accumulate, so that when the vexed question of location is disposed of, the work can be constructed in the shortest possible time.

Respectfully submitted,

THOMAS J. WHITMAN,
Water Commissioner.

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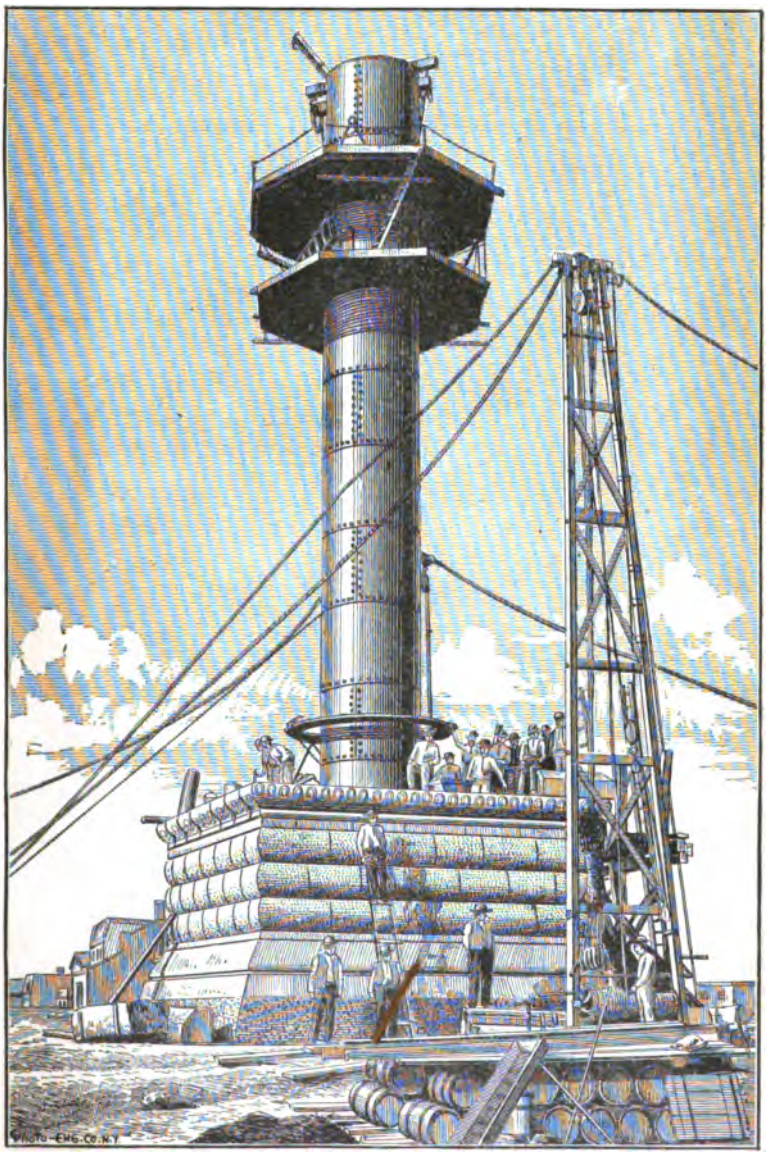

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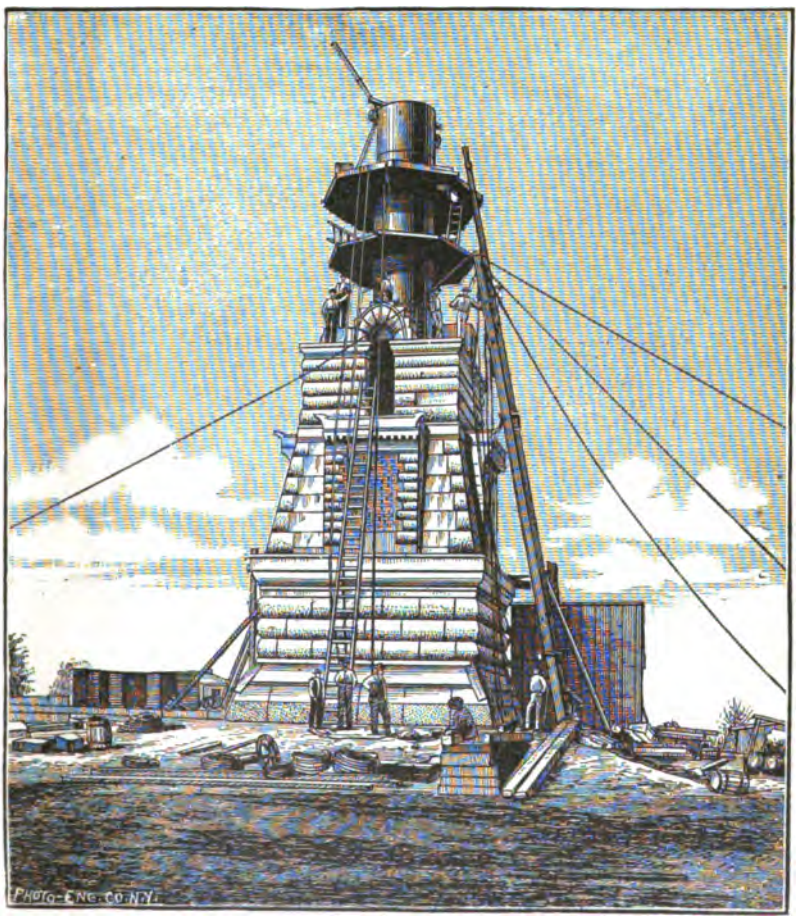

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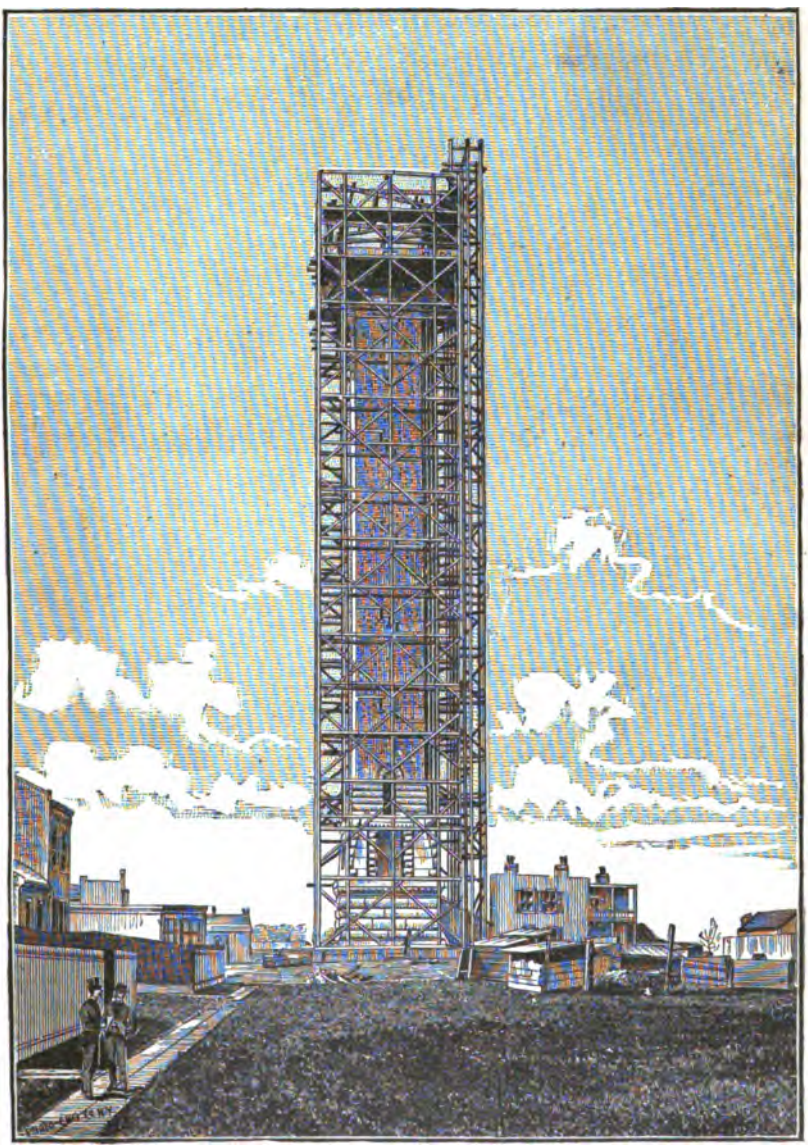

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TABLES AND PROFILES

ACCOMPANYING

WATER COMMISSIONER'S REPORT,

Fiscal Year Ending April, 1886.

AVERAGE DAILY CONSUMPTION OF WATER IN U. S. GALLONS. — "A." 1.

MONTH.	1886.	1887.
January	30,029,000	28,775,000
February	28,534,000	25,433,000
March	23,907,000	24,927,000
April	25,174,000	.....
May	28,446,000	.....
June	30,727,000	.....
July	34,522,000	.....
August	34,589,000	.....
September	33,134,000	.....
October	31,693,000	.....
November	28,954,000	.....
December	31,023,000	.....
Average	30,061,000	.....

AVERAGE MONTHLY CONSUMPTION OF WATER IN MILLIONS OF U. S. GALLONS "A" 2.

MONTHS.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	*1887.
January	....	12.5	16.1	16.2	21.1	17.3	23.5	20.8	29.0	21.3	31.8	26.1	30.5	26.3	28.8	30.0	28.8
February	....	13.1	15.5	15.5	21.7	16.9	20.4	19.6	24.6	21.0	28.1	25.0	27.7	20.9	29.5	28.5	25.4
March	....	12.0	14.6	14.6	21.3	16.1	19.8	20.1	22.6	19.5	24.0	26.3	25.1	20.4	23.7	23.9	24.9
April	....	12.5	13.8	15.2	18.7	17.4	19.1	22.0	21.6	21.2	24.8	27.7	26.1	19.8	22.6	25.2	....
May	....	13.0	14.2	17.5	18.9	20.1	20.8	23.1	24.8	24.1	27.4	28.1	26.6	22.7	24.4	28.4	....
June	....	15.0	16.6	20.0	19.6	22.0	22.7	22.5	26.0	25.5	29.5	29.5	29.0	24.3	27.4	30.7	....
July	12.9	15.9	18.0	21.5	20.1	23.4	24.9	26.3	27.0	28.0	28.0	28.8	28.4	27.4	29.5	34.5	....
August	13.2	16.9	19.2	19.4	21.9	24.2	27.3	25.9	28.5	30.0	29.4	30.3	28.1	28.0	30.3	34.6	....
September	13.3	16.5	18.5	19.7	22.2	24.8	25.4	25.4	25.3	28.8	27.6	29.4	28.6	28.7	28.8	33.1	....
October	13.1	16.1	17.8	18.6	21.8	24.5	23.7	24.5	25.7	27.4	26.8	27.8	25.2	26.8	27.0	31.7	....
November	12.2	15.1	16.4	17.8	18.8	21.2	20.0	23.2	21.4	27.1	26.1	28.3	26.8	23.9	24.7	29.0	....
December	12.6	15.7	15.7	18.8	16.5	22.6	20.6	22.8	22.9	27.7	26.6	28.4	26.5	25.9	25.7	31.0	....
Average	12.9	14.5	16.4	17.9	20.2	20.9	22.3	23.1	25.0	25.1	27.5	28.0	27.4	24.6	26.8	30.0	

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DAILY CONSUMPTION OF WATER, CITY OF ST. LOUIS, APRIL 1, 1886, TO APRIL 1, 1887, MILLIONS AND TENTHS U. S. GALLONS.—"A" 3.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Av.
April, 1886	23.5	20.8	21.0	21.8	23.1	23.9	24.4	24.7	24.9	24.6	19.9	24.8	25.0	25.1	25.6	24.9	25.6	20.5	26.5	27.2	27.8	27.9	28.5	30.5	22.5	28.7	28.9	28.9	27.6	25.9	....	25.2
May	27.9	23.3	25.5	27.8	26.5	26.1	26.8	29.6	22.4	29.7	28.9	29.1	31.8	28.1	28.5	22.6	29.3	30.0	30.8	29.7	30.6	33.4	24.5	28.7	30.6	30.1	31.5	32.8	30.4	23.8	31.1	28.4
June	29.1	29.7	29.9	30.9	32.7	25.6	32.4	29.5	28.4	31.6	32.8	33.8	24.0	31.1	33.0	29.3	30.7	32.2	33.8	26.2	32.6	32.5	31.7	32.7	33.5	29.5	25.2	31.8	33.8	31.7	....	30.7
July	34.6	32.0	31.3	27.1	29.9	34.7	36.0	34.9	35.3	35.7	27.8	35.9	35.3	31.7	35.2	34.9	35.2	27.8	37.3	36.1	37.5	38.2	35.5	37.4	28.0	36.4	36.4	37.8	39.5	33.6	35.2	34.5
August	28.8	35.7	35.3	35.0	35.5	34.5	36.9	29.5	36.2	35.9	37.3	41.8	35.4	37.1	29.5	36.7	36.9	31.9	34.6	35.0	37.1	29.2	36.2	35.2	35.5	35.2	35.3	34.4	28.2	32.2	34.4	34.6
September	34.8	35.2	37.7	32.9	28.2	35.6	35.3	36.2	36.0	33.4	36.1	27.6	34.3	34.4	34.0	32.7	31.9	33.9	27.1	32.5	31.6	31.9	34.5	34.4	32.2	29.0	32.7	32.6	32.7	32.6	....	33.1
October	32.4	33.7	27.0	33.3	35.6	31.1	29.4	33.2	33.3	27.9	32.5	33.6	33.2	31.8	34.5	32.5	27.9	36.4	34.4	32.2	31.6	33.2	32.4	26.9	31.0	30.8	30.8	30.7	30.9	32.4	25.7	31.7
November	31.7	31.4	32.2	31.0	30.7	30.4	25.2	30.0	29.6	30.2	28.4	28.8	28.7	25.6	29.1	29.9	29.4	29.3	30.0	30.5	25.5	27.6	29.7	29.2	25.4	28.2	29.5	24.5	27.5	29.5	....	29.0
December	28.4	32.9	35.3	35.3	31.9	34.2	33.1	31.3	31.2	32.2	32.7	29.1	31.5	28.8	30.3	30.9	30.0	28.8	26.5	30.2	30.6	29.1	28.5	29.0	25.4	26.3	33.0	35.3	34.7	32.9	32.0	31.0
January, 1887	29.8	31.8	33.8	31.2	29.7	28.8	30.1	29.0	27.1	30.5	30.4	29.5	28.8	28.9	28.4	26.2	29.8	31.3	30.9	30.1	28.6	28.9	24.0	27.8	28.4	27.6	26.8	25.9	28.1	22.8	27.0	28.8
February	27.3	26.5	27.0	29.4	28.5	24.2	27.0	25.5	25.9	26.3	24.9	26.0	22.8	25.6	25.9	25.2	25.1	25.3	25.5	21.9	24.8	25.2	25.0	24 9	25.0	25.2	21.5	25.0	....	....	....	25.4
March	27.3	25.1	25.3	25.0	24.2	21.1	25.7	26.4	25.6	25.7	25.2	27.4	21.1	25.5	25.7	25.9	25.6	26.1	26.9	20.5	24.2	24.9	25.3	26.4	26.2	25.9	20.5	24.4	24.9	24.0	24.7	24.9

Average for the Year.....29.8

Minimum daily consumption March 27, 1887.....20,483,000

Average daily consumption.....29,783,000

Maximum daily consumption August 12, 1886.....41,769,000

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WATER PIPE LAID FROM APRIL 1, 1886, TO APRIL 1, 1887.—"B" 1.

Street.	From	To	SIZE OF PIPE AND LENGTH IN FEET.					No. of fire plugs.	Cost.	Date of Water let on.
			20 in. lin'l ft.	12 in. lin'l ft.	10 in. lin'l ft.	8 in. lin'l ft.	6 in. lin'l ft.			
Ann ave	Jefferson ave	Ohio ave					655.0	2	$129 07	September 7, 1886.
Angelica st	Hall st	Broadway	1227.0	47.0		6.0	94.0	2	994 98	March 24, 1887.
Bacon st	North Market st	Montgomery st					332.0		56 44	August 28, 1886.
Bell ave	Whittier st	Pendleton ave					947.0	2	177 63	November 15, 1886.
Blair ave	Grand ave	Penrose st					1776 0	4	355 06	March 3, 1887.
Broadway	Angelica st	Penrose st	400.5				12.0		322 25	March 28, 1887.
*Cabanne st	Pine st	Olive st					1193.5			June 3, 1886.
California ave	Wyoming st	Utah st		656.5			23.0	2	244 14	June 8, 1886.
California ave	Park ave	Eads ave					680.5	2	145 94	October 23, 1886.
Cardinal ave	Franklin ave	Easton ave		854.0			49.0	1	297 39	March 2, 1887.
Cherokee st	Minnesota ave	Gravois ave		653.0			1166.0	2	428 32	September 20, 1886.
Cook ave	Leonard ave	Grand ave		906.0			41.5	2	357 26	March 4, 1887.
Cozzens ave	Grand ave	Spring ave					782.5		125 36	August 27, 1886.
Cote Brilliante ave	Spring ave	Prairie ave					589.5		103 06	August 25, 1886.
Compton ave	Russell ave	Accomac st					685.0	1	152 16	October 22, 1886.
*Chestnut st	Fourteenth st	Twentieth st			6.0		2795.0	6		July 1, 1886.
*Eads ave	Compton ave	Todd ave					679.0	1		July 6, 1886.
*Eighteenth st	Chestnut st	Eugenia st					819.0	1		July 6, 1886.
*Eighth st	Wash st	Lucas ave					968.0	3		March 28, 1887.
Eighteenth st	Madison st	North Market st					758.0	1	136 09	November 27, 1886.
Evans ave	Vandeventer ave	700 feet west					772.5	3	176 65	November 19, 1886.
Ferry st	Blair ave	Nineteenth st					332.0	1	71 15	March 3, 1887.
*Fourth st	Chouteau ave	Convent st					632.0	1		June 17, 1886.
Fourth st	Cerre st	Chouteau ave				1056.5	189.0	4	305 75	June 5, 1886.
Garrison ave	Benton st	Montgomery st					554.5	1	103 42	August 3, 1886.
Garrison ave	Cass ave	Magazine st				709.5	37.5	1	151 16	September 2, 1886.
Gravois ave	Cherokee st	Grand ave					1364.0	4	265 58	September 20, 1886.
Hall st	Branch st	Mallinckrodt st		223.5			59.0	4	768 65	March 30, 1887.
Hebert st	Twenty-second st	Twenty-fifth st					1151.0		196 15	February 19, 1887.
Keokuk st	Jefferson ave	Missouri ave		650.5			14.0	1	311 68	April 27, 1886.
Koeln ave	Broadway	Pennsylvania ave					356.5	1	75 05	April 9, 1886.
Kosciusko st	Park ave	Carroll st		1504.5		6.0	15.0	1	506 87	October 12, 1886.
Kossuth ave	Grand ave	Prairie ave		57.0	93.5	1338.5	82.5	2	303 45	February 23, 1887.
Lindell ave	Grand ave	King's Highway		9482.0			106.5	8	3,273 82	May 28, 1886.
Loughborough ave	Sixth st	Seventh st					821.0	1	71 06	April 12, 1886.
Maiden Lane	Twenty-second st	Twenty-third st					569.0	2	144 51	November 27, 1886.
*McNair ave	Shenandoah st	Gravois ave					83.5			August 18, 1886.
Miller st	Kosciusko st	Levee		969.5			18.0	1	348 82	October 8, 1886.

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WATER PIPE LAID FROM APRIL 1, 1886, TO APRIL 1, 1887.—"B" 1.—*Continued.*

Street.	From	To	SIZE OF PIPE AND LENGTH IN FEET.					No. of fire plugs.	Cost.	Date of Water let on.
			20 in. lin'l ft.	12 in. lin'l ft.	10 in. lin'l ft.	8 in. lin'l ft.	6 in. lin'l ft.			
Monroe st	Fifteenth st	Eighteenth st					391.0		$67 31	November 27, 1886.
Ninth st	Tyler st	Chambers st					316.5		54 28	December 1, 1886.
Obear ave	Twentieth st	Florissant ave					1071.0	2	206 57	March 9, 1887.
Olive st	Vandeventer ave	Sarah st		1528.0			39.0	3	521 93	March 24, 1887.
Page ave	Grand ave	Sarah st	3699.0	32.0	61.0	76.0	163.0	7	3,072 26	November 26, 1886.
Pine st	Vandeventer ave	Boyle ave					2886.0	2	541 16	April 20, 1886.
Prairie ave	Maffit ave	St. Ferdinand st		1132.0		5.0	69.5	3	450 77	November 4, 1886.
President st	Broadway	Kosciusko st					1248.5	3	261 41	April 1, 1886.
Park ave	Second st	Kosciusko st		225.0			13.5	1	83 39	October 12, 1886.
Penrose st	Broadway	Twentieth st	2025.0			9.0	204.0	3	1,609 84	March 15, 1887.
Rappahannock st	Pennsylvania ave	Compton ave					980.0	2	197 52	April 7, 1886.
Rutger st	Seventh st	Second st		1144.5			25.5	1	380 63	October 12, 1886.
Sarah st	Easton ave	Olive st		4013.0			161.0	3	1,354 73	March 2, 1887.
Sarah st	St. Ferdinand st	Garfield ave		614.0			4.0		197 64	November 8, 1886.
Second st	Rutger st	Park ave		502.0			11.5	1	197 39	October 12, 1886.
St. Ferdinand st	Prairie ave	Goode ave		3449.0			167.5	3	1,317 69	November 12, 1886.
Seventeenth st	Cass ave	O'Fallon st					755.0	2	144 51	September 4, 1886.
Sarpy ave	Old terminus	Hawk ave					319.0	1	69 35	April 12, 1886.
Sixth st	Loughborough ave	Haven st					603.0	1	127 42	April 12, 1886.
Sixth st	Franklin ave	Cass ave				2864.5	156.5	11	725 10	June 19, 1886.
*Sixth st	Chouteau ave	Lasalle st					256.0	1		July 1, 1886.
Seventh st	Mullanphy st	Howard st					400.5	2	84 66	November 30, 1886.
Shenandoah st	Compton ave	Grand ave		2013.5			75.0	4	702 95	October 19, 1886.
Texas ave	Keokuk st	Winnebago st					1320.0	1	249 60	April 8, 1886.
*Twelfth st	Market st	Walnut st					310.0			April 16, 1886.
Twenty-fifth st	Mallinckrodt st	Salisbury st					468.0	1	87 51	February 19, 1887.
Vandeventer ave	Page ave	Easton ave		902.5		7.5			296 50	November 18, 1886.
Victor st	Tenth st	Menard st		330.0			3.0		110 72	April 2, 1886.
Virginia ave	Haven st	Malt st					489.0	1	99 86	April 10, 1886.
Windsor place	St. Alphonsus st	Vandeventer ave					1947.5	4	364 35	November 24, 1886.
Winnebago st	Jefferson ave	California ave	1334.0			32.0	153.0	1	1,092 47	December 2, 1886.
Wyoming st	Jefferson ave	California ave		1320.5			45.0	3	481 10	June 8, 1886.
*Connections				100.0		55.0	3231.0	105		

NOTE: The total length of water pipe laid during year ending April 1, 1887, was as under:—

Twenty (20) inch	8,685.5	Eight (8) inch	5,946.5
Twelve (12) inch	35,321.0	Six (6) inch	39,856.0
Ten (10) inch	160.5		

*This work was done by the City men of the Street Service Department.
Total number of fire plugs—240.

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WATER PIPE OF ALL SIZES LAID UP TO APRIL 1st, 1887—"B" 2.

	48 in.	36 in.	30 in.	20 in.	15 in.	12 in.	10 in.	8 in.	6 in.	4 in.	3 in.	Total in.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Miles.
Laid previous to October 6th, 1877	.....	33,213	16,670	76,024	41,969	35,591	45,130	.....	608,626	9,329	68,414	177.0769
Laid from October 6th, 1877, to April, 1st, 1886	985	11,442	13,826.5	28,573	3,683	79,730	2,928	19,788	398,757	775	540	106.2552
Laid from April 1st, 1886, to April 1st, 1887	.....	.....	.....	8,685.5	.....	35,321	160.5	5,946.5	39,856	.....	.....	17.0385
Total up to April 1st, 1887	985	44,655	30,496.5	113,282.5	45,652	150,642	48,218.5	25,734.5	1,047,239	10,104	68,954	300.3706
Pipes taken up and abandoned up to April 1st, 1886	.....	.....	1,083	.....	.....	2,507	390	.....	15,908	570	2,852	4.4148
Pipes taken up and abandoned from Apr. 1, '86, to Apr. 1, '87	.....	.....	.....	.....	.....	.....	.....	.....	6,155	40	247	1.2200
Total pipes taken up and abandoned to April 1st, 1887	.....	.....	1,083	.....	.....	2,507	390	.....	22,063	610	3,099	5.6348
Pipes in service April 1st, 1887 (in feet)	985	44,655	29,443.5	113,282.5	45,652	148,135	47,828.5	25,734.5	1,025,176	9,494	65,855	294.7358
Pipes in service April 1st, 1887 (in miles)	0.1865	8.4574	5.5708	21.4550	8.6462	28.0559	9.0584	4.8740	194.1621	1.7981	12.4725	294.7358

22

Laid previous to October 6th, 1877	177.0769	Miles.
Laid since October 6th, 1877	123.2937	"
Total	300.3706	"
Pipes in service April 1st, 1886	278.9173	"
Pipes laid from April 1st, 1886, to April 1st, 1887	17.0385	"
Pipes taken up from April 1st, 1886, to April 1st, 1887	1.2200	"
Pipes in service April 1st, 1887	294.7358	"

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VALVES, FIRE PLUGS, ETC., ETC., IN SERVICE APRIL 1, 1887.—"B" 3.

DISTRICT.	Fire Plugs.	Private Fire Plugs.	NUMBER AND SIZE OF VALVES.										No. and size of Blow-off valves.				Air Taps.	Private Valves.			Check Valves.	Manholes.
	No.	No.	36 in.	30 in.	20 in.	15 in.	12 in.	10 in.	8 in.	6 in.	4 in.	3 in.	12 in.	6 in.	4 in.	3 in.	No.	6 in.	4 in.	3 in.	No.	No.
Nos. 1 & 2	626	22	13	2	13	1	43	3	7	428	4	11	10	4	....	.. .	9	..	3	19	13	16
" 3	554	4	1	4	26	4	18	26	13	401	2	50	2	6	....	2	7	8	27	41	11	....
" 4	807	1	..	5	12	22	40	28	41	546	6	89	4	5	1	3	5	18	148	118	14	....
" 5	407	4	1	2	21	8	22	8	3	323	4	15	1	5	....	....	3	7	8	20	14	....
" 6	528	3	..	..	18	9	37	4	..	328	1	5	....	5	1	5	11	15	14	8	11	....
Totals.	2,922	34	15	13	90	44	160	69	64	2026	17	170	17	25	2	10	35	48	200	206	63	16

District No. 1 and 2, bounded south by Cass avenue, east by river, north and west by city limits.

District No. 3, bounded north by Cass avenue, east by river, south by Washington avenue and west by city limits.

District No. 4, bounded north by Washington avenue, east by river, south by Chouteau avenue and west by city limits.

District No. 5, bounded north by Chouteau avenue, east by river, south by Allen avenue, and west by city limits.

District No. 6, bounded north by Allen avenue, east by river, south and west by city limits.

SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM APRIL 1ST, 1886 TO APRIL 1ST, 1887.—"B" 4.

MONTH.	½ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	Total for each Month.
April, 1886	158	31	9	2	1	.....	.....	.....	201
May	133	32	1	2	8	.....	.....	.....	176
June	167	35	9	.....	3	1	.....	.....	215
July	207	64	9	1	6	3	.....	.....	290
August	204	41	11	1	4	.....	.....	.....	261
September	138	25	11	3	1	.....	.....	.....	178
October	115	26	10	2	.....	.....	.....	.....	153
November	112	21	4	1	.....	.....	.....	.....	138
December	35	8	4	1	.....	.....	.....	.....	48
January, 1887	14	5	1	1	.....	.....	.....	.....	21
February	75	8	3	2	.....	.....	.....	.....	88
March	162	34	8	.....	3	.....	.....	.....	207
Totals	1520	330	80	16	26	4	.....	.....	1976
From May, 1867, to April, 1886	17646	4227	1835	510	816	24	10	8	25076
Total number of each size	19166	4557	1915	526	842	28	10	8	27052

Taps inserted previous to May, 1867 (estimated)		5060
Taps inserted since May, 1867, as per table		27052
Total number inserted to April 1st, 1887		32112
Taps taken out up to April 1st, 1886	252	
Taps taken out from April 1st, 1886, to April 1st, 1887	66	
Total number of taps taken out to date		318
Total number of taps in service April 1st, 1887		31794

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SCHEDULE OF CONTRACTS—"C" 1.

No of Ordinance.	Appropriation.	Description of Contract.	Contractor.	No. of Contract.	Estimated Amount of Contract.	Expended Previous to Last Report, 1885-86.	Expended Since Last Report. 1885-86.	Total Expended.	Expended For Distribution. 1886-87.	Balances. Transferred.	Balances. Not Transferred. Avail'ble	
12,962	$14,225 47	Laying water pipe....	D. Clifford & Co.....	1164	$9,755 00	$10,753 53	$ 125 59	$10,879 12	$ 125 59	$3,346 35	.....	Completed.
13,907												
13,016	66,000 00	" " "	John O'Donnell & Bro	1216	59,461 00	57,818 36	7,295 69	64,614 05	7,295 69	1,385 95	.....	"
13,342	21,000 00	" " "	D. Clifford & Co.....	1320	16,730 00	10,349 72	8,166 55	18,516 27	8,166 55	1,750 00	$733 78	
Rev. Ord.		Screw taps.....	Harpke & Dauernheim.....	1321	1,491 50	322 20	1,332 09	1,654 29	.....	.....	.....	Completed.
"		Coal.....	Girard Coal & Tile Co.....	1326	60,000 00	35,579 46	34,778 23	70,357 69	.....	.....	.....	"
		Water pipes.....	Shickle, Harrison & H. I. Co	1317	26,235 00	29,831 21	.....	29,831 21	.....	.....	.....	"
		Stop valves.....	Fulton Iron Works.....	1318	2,124 00	2,124 00	.....	2,124 00	.....	.....	.....	"
13,297	39,000 00	Fire plugs.....	St. Louis Iron & Mach. Wks.	1319	4,810 00	4,810 00	.....	4,810 00	.....	4 79	.....	"
		Stop valves.....	Fulton Iron Works.....	Req	700 00	.....	700 00	700 00	700 00	.....	.....	"
		Fire plugs.....	St. Louis Iron & Mach. Wks.	1478	1,530 00	.....	1,530 00	1,530 00	1,530 00	.....	.....	
		Water pipes.....	Shickle, Harrison & H. I. Co.	1447	148,008 00	.....	108,174 06	108,174 06	108,174 06	.....	.....	
		Special castings....	" " "	1448	7,480 00	.....	8,405 78	8,405 78	8,405 78	.....	.....	Completed.
		Fire plugs.....	St. Louis Iron & Mach. Wks.	1478	630 00	.....	630 00	630 00	630 00	.....	.....	"
13,625	175,000 00	Stop valves.....	Geo. W. Fisher.....	1513	4,695 00	.....	4,782 00	4,782 00	4,782 00	.....	44,918 86	"
		Fire plugs.....	St. Louis Iron & Mach. Wks.	1559	3,500 00	.....	3,500 00	3,500 00	3,500 00	.....	.....	"
		Stop valves.....	Geo. J. Fritz.....	1502	4,552 00	.....	4,552 00	4,552 00	4,552 00	.....	.....	
		Material, etc.....	Miscellaneous.....	....	.....	.....	37 30	37 30	37 30			
Rev. Ord.		Coal.....	Conrad Reinecke.....	1514	56,000 00	.....	38,198 94	38,198 94	.....	.....	.....	
13,636	1,450 00	Laying water pipes.	John O'Donnell & Bro.....	1477	1,103 00	.....	1,009 60	1,009 60	1,009 60	383 13	.....	Completed.
"		" " "	Street Service Dep't.....	S.S.	.....	.....	57 27	57 27	57 27			"
Rev. Ord.		Screw taps.....	Western Brass Mfg. Co.....	1558	1,494 00	.....	226 80	226 80				
13,763	50,700 00	Laying water pipes.	D. Clifford & Co.....	1561	26,027 00	.....	10,627 94	10,627 94	10,627 94	.....	35,087 09	
"		" " "	Patrick O'Donnell.....	1563	21,080 00	.....	5,034 97	5,034 97	5,034 97			
13,908 and 13,912	46,500 00	Water pipes.....	Shickle, Harrison & H. I. Co.	1610	37,777 50	.....	.....	.....	.....			
		Special castings.....	" " "	1611	3,412 50	.....	.....	.....	.....			
13,906	12,700 00	Laying water pipes...	Carroll & Moloney.....	1612	9,449 00	.....	.....	.....	.....			
13,908												

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WATER WORKS EXTENSION CONTRACTS — "C" 2.

No. of Ordinance.	Appropriation.	Description of Contracts.	Contractors.	No. of Contract.	Estimated amount of Contract.	Expended previous to last report 1885-6.	Expended since last report. 1885-6.	Total Expended.	Balances. Transferred.	Balances. Not transferred available.	
		Stand pipe No. 2	Allen & Veiths	1206	$47,323 00	$36,887 00	$10,522 00	$47,359 00			Completed.
12961	$55,000 00	Retaining walls, coping and Stand pipe No. 2	Syenite Granite Co.	1449	3,257 30	.....	3,236 72	3,236 72		661 31	"
		Granite sidewalk around Stand pipe No. 2	Syenite Granite Co.	1450	3,307 50	.....	3,363 62	3,363 62			"
		Miscellaneous work	.....	....	.....	361 50	17 85	379 35			
		High service Engine No. 5	Fulton Iron Works	1510	132,000 00	.....	44,203 15	44,203 15			
12671	155,000 00	High Service Engine No. 5, foundations.	Edw. Reilly	1560	6,047 50	.....	6,348 70	6,348 70		104,287 69	
		Miscellaneous work, High Service Engine No. 5	.....	.....	.....	.....	160 46	160 46			

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WATER WORKS FUND — D 1.

Appropriated, Ord. No. 13,684, Commissioner's office			$13,000 00	
" " " Meter department			19,000 00	
" " " High and low service engines			155,000 00	
" " " Settling basins			13,000 00	
" " " Street service department			45,000 00	
" " " Inspection			12,000 00	
" " " Storage reservoir			7,000 00	
" " 13,931 Removing sediment from old reservoir.			4,257 20	
" " " Special taxes			2,918 65	
				$270,175 85
Amount received by Assessor and Collector of Water Rates for material and labor furnished on private work, taps, shut-offs, repairing meters, etc., etc			$11,266 85	
Amount paid to Comptroller for bricks sold from old reservoir			87 00	
Amount transferred to Waterworks revenue			26,348 85	
				37,702 70
Net cost for maintenance of Water Commissioner's Department for the year ending April 1, 1887				$232,473 15

WATER PIPE FUND — D 2.

Appropriated	Ord. No.	13,763		$65,700 00
"	"	13,906		11,200 00
"	"	13,908		8,500 00
Transferred from Ord. No. 13763 Laying Water Pipe to	"	13,912	$15,000 00	
Appropriated	"	13,912	24,500 00	
				$39,500 00
"	"	13,963		3,650 00
Transferred back:—				
Laying water pipe, Contract No. 1164	"	12,962	$1,151 99	
" " " 1000	"	12,712	2 22	
Water pipe " 1155	"	12,818	88 17	
Special castings, sundry contracts	"	12,820 13,033	17 21	
Stop valves	"	12,821 13,295	8 50	
Laying water pipe, Contract No. 1216	"	13,016	1,885 95	
Special castings, " 1242	"	13,168	1,864 25	
Water pipe, " 1244	"	13,223	5 78	
Pipes, valves, etc., etc., sundry contracts	"	13,297	4 79	
Laying water pipe, Contract No. 1820	"	13,342	1,750 00	
" " " 1477	"	13,636	383 13	
				6,656 99
				$135,206 99
Reappropriated for laying water pipe	Ord. No.	13,763	$65,700 00	
" " " "	"	13,906	11,200 00	
" " " "	"	13,907	69 53	
" " material and laying water pipes	"	13,908	8,500 00	
" " pipes, valves, etc., etc.	"	13,912	39,500 00	
" " materials and laying water pipe	"	13,963	3,650 00	
				128,619 53
Unexpended balance				$6,587 46

WATER WORKS EXTENSION — D 3.

Appropriation	Ord. No.	13,684		$8,500 00
Balances transferred:—				
High service engine No. 4, Contract No. 637	"	11,787 12,606 12,958	$1,599 26	
Laying pump main No. 3, sundry contracts	"	12,032 12,193 12,573	834 34	
Material for pump main No. 4	"	12,672	538 10	
Foundation for stand pipe No. 2	"	12,673	40 38	
Laying pump main No. 4	"	12,959	3,812 69	
High service coal house, contract No. 1,183	"	12,960	707 88	
				7,532 65
				$16,032 65
Reappropriated, Water Works Extension — Salaries and expenses, ordinance No. 13,684				8,500 00
Unexpended balance				$7,532 65

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OFFICE WATER COMMISSIONER—D 4.

	April.	May.	June.	July.	August	Sept.	October.	Nov.	Dec.	January.	Feb.	March.	Totals.
Pay-roll	$625 00	$729 00	$804 00	$813 00	$729 00	$774 00	$750 77	$804 00	$813 00	$804 00	$786 00	$774 29	$9,206 06
Stationery and printing	26 00	61 05	50 25	80 49	43 90	18 75	23 75	77 00	.....	126 38	116 38	66 85	690 80
Office supplies and instruments	6 05	15 81	4 40	6 00	.....	2 50	9 15	16 55	6 15	56 74	12 60	25 02	160 97
Office fixtures and repairs	.....	9 34	16 00	6 25	.....	5 25	9 00	10 23	8 00	132 10	6 00	12 00	214 17
Keep of horse and buggy	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	240 00
Street car tickets	.....	20 00	.....	20 00	.....	.....	20 00	.....	.....	40 00	.....	.....	100 00
Washing towels	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	48 00
Chemical analysis	106 44	201 26	324 77	158 70	215 24	143 12	39 35	52 70	149 35	113 21	107 62	86 11	1,697 87
	$787 49	$1,060 46	$1,223 42	$1,108 44	$1012 14	$967 62	$876 02	$984 48	$1000 50	$1,296 43	$1,052 60	$988 27	$12,357 87

TAP AND METER DEPARTMENT—D 5.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$225 00	$2,700 00
Horse, keep of horses and vehicle hire	123 00	309 80	104 50	122 00	156 00	157 25	159 75	140 50	102 00	132 25	133 00	347 20	1,987 25
Wagons and repair of wagons and harness	.....	25 10	134 75	123 75	14 35	61 30	21 00	24 10	36 95	27 05	57 05	32 65	558 05
Meters and repairs	117 03	77 11	91 53	735 83	193 32	181 63	222 02	98 18	1,462 90	5 70	28 04	393 49	3,606 78
Meter boxes and risers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Screw taps and repairs	.....	212 81	109 80	2 55	8 85	1,022 13	.....	.....	15 00	.....	64 80	162 00	1,597 94
Material and labor placing and repairing meters	305 48	289 00	309 72	321 00	289 00	286 00	527 80	288 00	324 90	312 50	283 00	522 60	4,059 00
Steel taps	24 00	.....	.....	.....	52 50	.....	.....	.....	.....	.....	.....	.....	76 50
Tools and repairs	13 20	3 75	.....	47 25	.....	.....	26 05	8 55	16 90	.....	26 50	.....	142 20
Miscellaneous	.....	.....	.....	.....	8 75	.....	14 75	.....	.....	.....	.....	.....	23 50
Office supplies and repairs	.....	.....	.....	.....	.....	24 50	.....	.....	.....	120 33	1 70	.....	146 53
	$807 71	$1142 57	$975 30	$1577 38	$947 77	$1957 81	$1196 37	$784 33	$2183 65	$822 83	$819 09	$1682 94	$14,897 75

Labor and material putting in taps	$6,133 00	
Repairing and setting private meters	2,143 75	8,276 75
		$6,621 00

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STREET SERVICE DEPARTMENT—D 6.

	April.	May.	June.	July.	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$2105 87	$2189 00	$2852 50	$2439 25	$2467 50	$2156 00	$2302 50	$2180 25	$2278 75	$2010 48	$2229 25	$2347 75	$27,058 60
Horse keep and repairs of wagons and harness	87 75	256 00	97 50	42 00	41 00	70 00	39 00	56 50	43 00	42 70	22 00	18 00	815 45
Tools and repairs	43 46	23 76	119 53	35 85	42 55	65 70	27 73	100 92	103 88	65 60	6 15	75 02	710 15
Hemp and rubber packing and rubber valves	.....	.....	93 45	22 00	.....	87 68	.....	78 12	.....	87 70	.....	.....	368 95
Oils	15 00	.....	.....	.....	.....	.....	10 61	.....	.....	21 22	.....	.....	46 83
Lead	.....	.....	.....	602 55	.....	.....	.....	167 77	.....	.....	.....	187 49	957 81
Coal and Wood	35 24	10 26	9 18	5 00	9 06	16 08	15 80	.....	15 28	15 00	.....	2 92	133 82
Stop valves and repairs	67 50	3 63	35 00	222 01	54 60	40 50	.....	.....	.....	.....	5 00	28 75	456 99
Valve boxes, risers and repairs	72 30	.....	144 55	183 40	185 85	123 90	26 55	11 80	73 75	47 20	.....	.....	869 30
Fire plugs and repairs	.....	.....	.....	42 00	63 20	517 50	43 67	.....	.....	78 00	.....	9 50	753 87
Fire plugs boxes, risers and repairs	.....	.....	.....	.....	.....	.....	42 75	153 90	88 35	.....	.....	99 80	384 80
Water pipes	.....	.....	.....	.....	.....	265 03	.....	.....	.....	.....	.....	.....	265 03
Special castings	217 03	109 70	229 50	.....	.....	.....	.....	.....	.....	.....	.....	169 56	725 79
Hauling	21 25	60 48	.....	125 84	.....	64 50	23 77	15 00	7 50	41 28	.....	20 20	379 82
Street car tickets	20 00	40 00	20 00	25 00	20 00	40 00	20 00	20 00	20 00	20 00	20 00	20 00	285 00
Sundries	.....	.....	.....	.....	.....	4 00	30 00	.....	.....	1 50	.....	.....	35 50
Material, etc., for maintenance	8 80	50 50	32 68	94 44	48 90	113 95	62 27	90 95	46 05	5 10	51 25	119 93	724 82
Keeper of pipe yard, wharf rent, etc	90 00	90 00	96 00	90 00	90 00	90 00	93 00	90 00	90 00	90 00	90 00	96 00	1,095 00
	$2783 70	$2833 33	$3229 89	$3929 34	$3922 66	$3654 84	$2737 65	$2965 21	$2766 56	$2525 78	$2423 65	$3194 92	$36,067 53

Material used on private work	$1,942 83	
Material sold	12 00	
Labor and hauling on private work	818 92	
Labor making shut offs	152 00	2,925 75
		$33,141 78

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HIGH AND LOW SERVICE ENGINES — D 7.

		April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Totals.	Grand Totals.
Pay-roll	H.	$2800 00	$2800 00	$2800 00	$2900 00	$2900 00	$2900 00	$2900 00	$2900 00	$2900 00	$2900 00	$2900 00	$2900 00	$34500 00	$51,750 00
"	L.	1400 00	1400 00	1400 00	1450 00	1450 00	1450 00	1450 00	1450 00	1450 00	1450 00	1450 00	1450 00	17250 00	
Coal		2849 08	6244 42	5355 96	6156 71	14208 06	6472 69	5320 09	5976 09	5983 61	5443 97	5380 38	3622 11	73013 17	73,013 17
Repairing machinery and boilers	H.	376 90	197 50	300 00	270 02	399 45	54 85	10 95	352 37	589 00	1113 44	1906 33	1295 71	6866 52	
" " "	L.	225 00	495 00	200 00	92 45	14 63	277 86	300 00	200 00	601 94	232 80	561 83	2170 52	5372 33	12,238 85
Tools and repairs	H.	7 00	6 00	.....	4 76	8 88	.....	22 00	35 67	9 30	.....	23 25	153 78	276 64	
" "	L.	3 55	.....	.....	12 50	4 00	.....	10 87	.....	.....	.....	6 09	95 00	132 01	402 65
Oils and tallow	H.	26 50	.....	.....	159 51	64 76	204 92	.....	.....	78 81	132 92	.....	90 60	757 42	
" "	L.	.....	.....	.....	.....	25 00	53 12	.....	.....	28 25	66 46	.....	22 80	193 63	951 05
Packing and waste	H.	70 70	153 50	31 50	.....	.....	62 57	170 93	246 36	60 00	.....	143 40	40 40	979 36	
" "	L.	24 14	52 75	15 75	.....	6 50	30 00	30 00	112 80	32 50	.....	70 00	20 20	394 64	1,374 00
Gas	H.	.....	.....	.....	332 25	.....	.....	416 10	.....	.....	477 92	.....	473 70	1699 97	
"	L.	.....	.....	.....	131 70	.....	.....	136 05	.....	.....	133 28	.....	115 20	516 23	2,216 20
Engine and house supplies	H.	55 73	.....	61 89	121 32	37 07	267 92	23 20	23 04	61 60	70 60	130 31	198 70	1051 38	
" " "	L.	22 35	.....	126 50	69 06	37 23	119 48	11 60	23 04	30 50	159 95	58 65	63 66	722 02	1,773 40
Sundries	H.	.....	4 00	.....	7 00	4 00	2 00	2 00	2 00	... .	2 00	2 00	18 00	38 00	
"	L.	.....	2 00	.....	4 75	2 00	1 09	1 00	1 00	.....	2 00	2 00	6 00	21 75	59 75
Repairing buildings		.....	.....	159 25	475 62	72 00	113 73	.....	.....	503 79	.....	.....	.....	1324 39	1,324 39
		7860 95	11355 17	10450 85	12187 65	19233 58	12010 14	10804 79	11392 37	15245 95	12185 34	12634 24	12731 08	$148,022 11	$148,022 11
Empty barrels and cinders sold														59 35	59 35
														$147,962 76	$147,962 76

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SETTLING BASINS — D. 8.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls, foreman and gatekeepers	$200 00	$200 00	$200 00	$200 00	$200 00	$200 00	$183 06	$248 00	$200 00	$217 50	$200 00	$200 00	$2,448 56
Labor, cleaning basins	.....	.....	.....	1,121 00	408 00	.....	401 50	.....	.....	.....	.....	207 00	2,137 50
Roads, grounds and fences	64 75	155 81	311 04	156 62	160 12	284 38	231 42	390 24	99 74	153 38	256 81	.....	2,263 81
Railroads and switches	56 86	.....	173 25	.....	.....	17 50	10 50	42 00	22 74	63 92	.....	.....	386 77
Scale	.....	.....	.....	.....	.....	5 00	.....	.....	.....	.....	.....	5 00	10 00
Sewers, pipes, drains, etc	132 06	.....	.....	.....	26 50	43 75	61 37	.....	.....	.....	.....	.....	263 68
Repair of gatehouses and basins	.....	11 17	.....	.....	.....	.....	.....	5 25	.....	.....	.....	9 75	26 17
Railroad iron and ties	145 64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145 64
Lumber, nails, etc	.....	.....	.....	.....	22 00	.....	.....	.....	.....	.....	.....	.....	22 00
Tools, and repair of tools	.....	38 15	36 35	44 33	64 83	.....	13 65	9 20	8 00	.....	.....	.....	212 91
Supplies	.....	.....	.....	6 60	21 00	.....	118 50	.....	.....	4 00	.....	.....	145 10
Miscellaneous work	151 00	150 50	154 49	107 25	89 50	193 87	337 89	251 09	165 31	104 00	27 25	98 43	1,830 58
	750 31	555 13	875 13	1,635 80	991 95	744 50	1,351 29	945 78	495 79	542 80	484 06	520 18	$9,892 72
Labor for St. Louis Iron & Machine Works													36 75
													$9,855 97

STORAGE RESERVOIR — D. 9.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll, keeper and watchman	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$50 00	$600 00
Pay-roll, reservoir grounds	452 85	591 88	662 26	614 92	458 84	506 52	465 00	338 84	87 41	90 77	90 00	40 00	4,399 29
Material, reservoir grounds	.....	57 70	6 00	.....	362 14	.....	.....	.....	.....	.....	.....	.....	425 84
Tools and repairs	52 65	8 60	87 00	17 60	.....	.....	17 05	6 95	.....	9 85	.....	.....	199 70
Seeds, plants and trees	8 20	35 75	2 40	.....	.....	9 35	.....	.....	.....	.....	.....	.....	55 70
Coal and ice	.....	.....	.....	.....	.....	.....	.....	.....	65 48	.....	.....	.....	65 48
Supplies	.....	.....	.....	3 75	.....	.....	8 65	75	.....	.....	.....	.....	13 15
Lumber and sewer pipes	.....	.....	2 85	15 60	69 94	47 37	9 05	.....	.....	.....	.....	.....	144 81
Repairing buildings and fences	4 59	93 72	32 32	.....	502 39	313 50	11 50	1 75	78 75	56 42	.....	.....	1,094 94
	568 29	837 65	842 83	701 87	1,443 31	926 74	561 25	398 29	281 64	207 04	140 00	90 00	$6,998 91
Old refuse lumber sold													5 00
													$6,993 91

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REMOVING SEDIMENT FROM OLD RESERVOIR. — D 10.

	April.	May.	June.	July.	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$90 00	$1094 71	$589 84	$93 00	$108 75	$90 00	$14 00	.....	.....	.....	.....	.....	$2,080 30
Breaking macadam	6 99	264 14	541 03	607 14	.....	.....	.....	.....	.....	.....	.....	.....	1,419 30
Making paving stone	.....	84 87	243 00	153 03	.....	.....	.....	.....	.....	.....	.....	.....	480 90
Making bottom gutter stone	.....	11 79	17 41	19 21	.....	.....	.....	.....	.....	.....	.....	.....	48 41
Making herring bone stone	.....	17 75	21 52	43 45	.....	.....	.....	.....	.....	.....	.....	.....	82 72
Making rip rap	.....	18 20	95 23	268 27	.....	.....	.....	.....	.....	.....	.....	.....	381 70
Making crosswalk stone	.....	.....	49 62	20 00	.....	.....	.....	.....	.....	.....	.....	.....	69 62
	$96 99	$1491 46	$1557 65	$1204 10	$108 75	$90 00	$14 00	.....	.....	.....	.....	.....	$4,562 95
Bricks sold													87 00
													$4,475 95

INSPECTION DEPARTMENT. — D 11.

	April.	May.	June.	July.	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll, pipes and castings	.....	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$90 00	$990 00
Pay-roll, pipe laying	$340 00	290 65	340 00	255 00	255 00	192 67	170 00	255 00	255 00	238 55	255 00	255 00	3,101 87
Pay-roll, supply inspection	300 00	300 00	300 00	300 00	300 00	300 00	300 00	268 00	300 00	300 00	300 00	3625 12	6,893 12
	$640 00	$680 65	$730 00	$645 00	$645 00	$582 67	$560 00	$613 00	$645 00	$628 55	$645 00	$3970 12	$10,984 99

WATER WORKS EXTENSION. Salaries and Expenses. — D 12.

	April.	May.	June.	July.	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$623 00	$623 00	$623 00	$631 00	$649 00	$653 00	$649 00	$649 00	$653 00	$559 00	$551 00	$563 00	$7,426 00
Drawing material and instruments	.....	.....	.....	.....	6 90	5 50	8 50	.....	55 50	17 25	.....	.....	93 65
Stationery and printing	.....	87 90	.....	15 00	2 40	.....	.....	.....	.....	.....	.....	.....	104 40
Lithograph drawing H. S. E. No. 5	301 62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	301 62
Railroad, etc., fare and expenses	.....	67 00	.....	10 00	82 10	.....	.....	.....	.....	.....	.....	.....	159 10
Engine inspection tools	.....	.....	.....	.....	20 50	.....	.....	.....	14 85	.....	.....	.....	35 35
Testing samples of iron, brass and bronze	.....	.....	.....	.....	.....	.....	.....	185 85	25 38	10 00	43 10	80 65	344 98
	$924 62	$777 00	$623 00	$656 00	$760 90	$658 50	$657 50	$834 85	$748 73	$586 25	$594 10	$643 65	$8,465 10

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ANNUAL REPORT

OF THE

HARBOR AND WHARF COMMISSIONER

For the Fiscal Year Ending April 11, 1887.

ST. LOUIS, APRIL 11, 1887.

To the Hon. Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report of the business transacted in the Harbor and Wharf Department during the fiscal year 1886-1887:—

EXPENDITURES.

The following amounts have been certified to the Auditor: —

REPAIRS OF DYKES, WHARF AND RIVER BANK.

For repairs (reconstruction) of pavement with granite blocks under contracts 1286 and 1486	$18,374 12
For repairs of pavement with limestone blocks and macadam, under contracts 1284, 1285, 1484 and 1485	6,582 40
For fastening (ringstones, deadmen, posts)	122 80
Incidental expenses, taking up and breaking useless ringstones	13 00
Pay-roll — Laborers repairing dykes and levee, setting corner stones, etc	502 62
Total	$25,594 94

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

Pay-roll — Laborers and carts, cleaning levee	$6,709 16
Pay-roll — Laborers removing obstructions	21 87
For dredging river front at foot of Biddle street, in front of Merchants' elevator, and at foot of Mullanphy street	3,100 00
Hire of barges for receiving and disposing of material dredged from the river from various points	492 00
Total	$10,322 53

HARBOR BOAT.

Pay-roll — Harbor boat crew	$5,176 25
Pay-roll — Laborers (carpenters, painters and sailor, etc.)	1,007 87
Repairs and painting	1,621 74
Cleaning boilers	72 00
Boat stones, oil, oakum, cordage, etc	675 69
Ice	23 87
Miscellaneous expenses (insurance, log books, etc.)	120 10
Fuel	2,460 78
Total	$11,158 30

HARBOR AND WHARF SALARIES AND CURRENT EXPENSES.

Pay-roll — Permanent employes	$10,169 88
Pay-roll — Temporary employes, field hands and superintendents	1,647 17
Rent of Levee office	240 00
Stationery	110 41
Purchase and repairs of instruments	13 40
Fuel for Levee office	13 54
Purchase and repairs of furniture	83 80
Incidental expenses, telephone, etc	21 47
Ice for Levee office	7 91
Total	$ 12,307 58

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SCAVENGER DUMPS CONSTRUCTION AND REPAIRS.

Northern dump at foot of Clinton street	$ 8 50
Central dump at foot of Mullanphy street	570 75
Barton street dump at foot of Barton street	188 29
Total	$767 54

SCAVENGER DUMPS, SALARIES AND CURRENT EXPENSES.

Pay-roll — Superintendent and watchmen	$ 6,240 00
Pay-roll — Laborers	344 88
Ice	30 60
Purchase of tools, etc	112 12
Lamps, oil, brooms, etc	49 70
Incidental expenses, repairs of stoves, lanterns, etc	187 05
Fuel	66 41
Total	$7,030 71

STREET CLEANING, FLOATING DUMPS CONSTRUCTION.

For constructing two dump boats No. 3, for use of street department	$5,065 75
Total	$5,065 75

STREET CLEANING, FLOATING DUMPS.

Pay-roll — Watchmen	$3,400 00
Pay-roll — Laborers	178 77
Repairs	628 95
Purchase of tools, rope, etc	452 26
Lamps, oil, brooms, etc	21 10
Ice	14 20
Fuel	28 16
Towing dump boats into midstream and returning same to their landings	2,195 06
Total	$6,918 50

RECAPITULATION.

EXPENSES OF HARBOR AND WHARF.

Repairs of dykes, wharf and river bank	$25,594 94	
Cleaning levee, and removing obstructions	10,322 53	
Harbor boat	11,158 30	
Harbor and wharf salaries and current expenses	12,307 58	
		$59,383 35

EXPENSES OF SCAVENGER DUMPS.

Scavenger dumps, construction and repairs	$767 54	
Scavenger dumps salaries and current expenses	7,030 71	
		$7,798 25

EXPENSES OF STREET CLEANING, FLOATING DUMPS.

Street cleaning, floating dumps construction	$5,065 75	
Street cleaning, floating dumps, salaries and current expenses	6,918 50	
		11,984 25
		$79,165 85

Total expenditures charged to account harbor fund	$59,383 35
" " " " " municipal revenue	19,782 50

REVENUE.

THE FOLLOWING IS THE AMOUNT OF BILLS MADE OUT AND PLACED IN THE HANDS OF THE CITY COLLECTOR FOR COLLECTION DURING THE FISCAL YEAR 1886-87, VIZ:

Steamboat bills	$17,017 31	
Packet licenses	7,980 43	
		$24,997 74
Wood bills, northern district	284 00	
" " southern districts	341 85	
		625 85
Miscellaneous bills —		
For leases, rent, etc	$24,321 56	
For licenses, tow boats, tugs, etc	3,223 00	
For ferry licenses	6,500 00	
For rent of wharfboat privileges	5,034 00	
For wharfage on lumber in rafts	4,557 97	
For wharfage on skids	99 00	
For services of harbor boat	10 00	
		43,745 53
Total		$69,369 12

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These figures represent the amount of bills made out and placed in the hands of the City Collector for collection, and not the amount collected, as some bills held over from the last fiscal year have been collected, while others are held over or cancelled for cause.

The actual collections received and placed to the credit of the harbor fund during the past fiscal year, as shown by the books of the comptroller is as follows: from all sources, $74,130.07.

The income shows an increase, as compared with last year's receipts, of $10,562.22, while the expenditures for harbor and wharf purposes are $1,051.50 greater than last year.

Of the several suits brought and pending in the courts for the quieting of title to portions of the public wharf, two have recently been decided in favor of the city, viz.: No. 53,221, entitled the City of St. Louis *v.* the Wiggins Ferry Company, decided July 21, 1886. This piece of wharf property extends from Bogy Street to Mound street, and is a valuable piece of wharf property, yielding a good revenue to the city. The other suit, entitled Rita J. Wilkinson et al. *v.* the St. Louis Sectional Dock Company, was decided in Circuit Court No. 2, in March, 1887. This portion of wharf extends from a point 462 feet south of the south line of Lesperance street, 1,000 feet in a southernly direction, and is leased to the St. Louis Sectional Dock Company under authority of Ordinance No. 12,795, for a term ending July 31, 1889. Decisions, favorable to the city's interest, of the suits pending, are confidently expected. Should these anticipations be realized, valuable portions of public wharf will be available for the increasing demand for wharf property for business purposes.

There has recently been transferred to the care and supervision of the Harbor and Wharf Commissioner, under authority of Ordinance No. 13,876, the property formerly known as Exchange Square, but hereafter to be known as "North Wharf Common," extending from Clinton street to Warren street, and is west of the western boundary line of the wharf, as established by Ordinance No. 5403, and between said boundary line and the eastern line of Main street. Said Ordinance No. 13,876, authorizes the Harbor and Wharf Commissioner to charge for the use of the same, for purposes of landing and piling thereon lumber, a fair equivalent, not less than seven cents per square, of 100 square feet. A portion of this property has been placed under monthly rental and the balance is applied for.

It is confidently expected that the next annual report will show a gratifying increase of harbor revenue.

HARBOR CONSTRUCTION.

Since the close of the fiscal year, 1884, no special contract for harbor construction has been ordered, as it was deemed advisable to use the available funds for the reconstruction of the wharf proper, where the heaviest traffic is done.

The anticipated increase of the harbor revenue, if realized at the expiration of the next fiscal year, will enable this department to construct needed portions of new wharf.

REPAIRS OF WHARF.

Repairing the wharf is confined chiefly to the portion between Gratiot and Biddle streets, embracing an area of some 14,000 square which was originally improved with limestone blocks set in sand. This part of the wharf is subject to the wear of the heaviest wagon traffic, causing a renewal of the limestone, in some parts, after a period of three years, but at others after from six to ten years. Since 1879 granite blocks have been yearly substituted in the place of limestone, to the extent limited by the insufficient appropriations available for this purpose from the revenue of the Department, until now the western or street plane of the wharf from Biddle street to Rutger street is renewed about 30 feet in width, and small areas east of the railroad tracks, extending in some places over the eastern plane. The area to be repaired annually has been too large to admit of the adoption of granite exclusively, and at the same time keep the levee in passable condition, hence a partial renewal with limestone blocks on the portions where it is short lived, has been and will continue a temporary necessity, but will diminish each year as the plan referred

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to approaches completion, which will require about 8 years. This will give a durable pavement extending from the curb line over the eastern plane of the levee to a line that will accommodate the travel in reaching the wharf-boats at the average stage of the river, and during the busiest seasons.

East of this line, limestone answers the purpose at present. The heavy teaming in transporting cotton from the warehouses between Park avenue and Carroll street demands a more durable pavement than the present macadamizing, and would have been recommended previously but for the want of means, which is the only difficulty at the present time. This obstacle, I entertain the hope, will be removed in the near future, when this improvement should be made.

The amount of pavement laid during the fiscal year is as follows: —

New granite pavement	594.47	squares
Old " " reset	260.23	"
New limestone pavement	560.87	"
Old " "	26.64	"
Macadam furnished and spread	222.20	"

The area paved with granite by this Department to the end of the fiscal year is 3,749.52 squares, and by the railroad companies 276.03 squares, making the total area of granite pavement on the wharf 4,025.55 squares.

HARBOR BOAT.

The harbor boat has under its immediate supervision and care the scavenger and street cleaning floating dump boats; the cleaning of the levee and the removing of wrecks and other obstructions from the river. The boat has been in constant service since she was repaired in the spring of 1886 — not a day being lost, and has kept the levee for its full length, and from curb to water line in a cleanly condition.

Without the use of the harbor boat, with its powerful pumps, the proper cleaning of the levee could not be satisfactorily accomplished.

The silt deposited at every rise of the river is of such a nature, that it cannot be properly removed otherwise than by washing.

The employment of carts and laborers to do the work would entail an expense largely in excess of that incurred by the use of the boat.

The unfortunate experiment of placing the harbor boat in fire service, under authority of Ordinance No. 12,722, approved March 15, 1884, has signally failed to meet the expectations of those favoring the project, as the results were not commensurate with the increased outlay at the expense of the harbor fund. This fund is set apart, exclusively, both by legislative enactment and the city charter, for the repairing, cleaning and keeping the public wharf in proper condition. The diversion of any portion of this fund to other purposes seems not to be in accordance with the spirit and intent of the law.

I would therefore earnestly advise the repeal of said Ordinance No. 12,722, at the earliest possible moment.

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

Work under this head is done by the harbor boat, with the exception of removing the large deposits of manure, etc., dumped on the levee during the winter months when the dump boats were laid up in winter quarters. Such accumulations can only be removed by the employment of laborers and carts. The dumping of improper material into the river, such as will not float off, should be prohibited if possible. With the greatest vigilance on the part of those in charge of the dump boats, much of this character of material finds its way into the river, and its removal can only be done by dredging. During the month of November, 1886, such material accumulated in the neighborhood of the Merchants' Elevator, and material washed from the Biddle Street sewer was deposited in front of the St. Louis Elevator, shoaling the river to such an extent as to prevent the landing of barges at those points.

Its removal by dredging involved an expense of over $3,000 to this department.

The obstructions that naturally occur by the constantly shifting of the channel of the river, should not be unnecessarily increased by the dumping of improper material.

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SCAVENGER DUMPS.

The location of the several dumps remains the same as indicated in last year's report.

Northern dump boat, at the foot of Clinton Street, has been thoroughly caulked and repaired, and is now in excellent condition. This dump was formerly located at the foot of Harrison Street, but was withdrawn from that point in 1884, and located at the foot of Clinton Street, for reasons presented in reports of 1884 and 1885.

Central dump boat, at the foot of Mullanphy Street, is worn out and unfit for further service. It has been caulked and repaired, with the view of having it last until the new dump boat, authorized to be built under authority of ordinance No. 13,820, is completed to replace it. The new boat is expected to be completed and in position for service about the 1st of June, 1887. The sum of $4,500 has been appropriated for its construction and outfit. The dumping at this point is greater than at all the other dumps combined, and every facility should be afforded for the rapid and easy disposal of material brought to this station.

Barton Street stationary dump has been put in condition to do good service for some time to come.

Southern dump at the foot of Stein Street, South St. Louis, is a temporary and poorly constructed affair and should be removed to a more accessible point.

The proper disposal of the garbage which increases in volume with the growth of the city, is a question difficult of solution, and demands serious consideration in the future.

STREET CLEANING — FLOATING DUMPS.

Since the last annual report there has been added to this branch of service another set of boats, one a stationary or landing boat and the other a dump boat. There are now in service three landing and three dump boats for the disposal of street scrapings. Their use for this purpose has demonstrated their great value, in lessening the expense to the city over the old plan of hauling to long distances.

The boats are all in excellent condition, having received no damage from the breaking up of the ice in the river during the past winter.

REMOVING WRECKS.

Nothing under the above head has been done during the past fiscal year.

The river in front of the city is comparatively free from obstructions of this character.

GENERAL REMARKS.

The increased revenue from the collection of wharfage and wharf rents during the past fiscal year is very gratifying, as it shows an increase over the previous year's collections of $10,562.22.

Navigation was practically closed from December 2d, until January 1st, 1887.

The river attained its greatest height on May 13th, 1886, when the government gauge registered twenty-seven feet, the same as in 1885.

The lowest mark reached was on the 5th December, 1886, when it was six inches below the zero mark on the gauge.

On my assuming the duties of this office, I deemed it necessary to direct the resurvey of the line of the public wharf in order to re-establish points not well defined, and others that were lost. This work, I have the pleasure to announce, has been successfully accomplished. The entire wharf line from Ferry Street to Anna street is now correctly defined, and corner-stones placed wherever found necessary. Accurate maps of the entire wharf line are now in course of completion, and will soon be placed on file in this office.

The work was done in a very efficient manner by Mr. Julius Moulton, Civil Engineer of this Department and his assistants.

In conclusion, I take pleasure in acknowledging my obligations to my assistant, Capt. George W. Ford, who has had the business of the levee office under his immediate charge, and also to the other officers and employees, who con

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tributed by their faithful co-operation to promote the interests of this Department.

The following tabulated statement will be found in an appendix to this report, viz.: —

No. 1. Showing the condition of contracts for work chargeable to repairs of dykes, wharf and river bank.
No. 2. Statement of the arrival of steamboats and barges at the port of St. Louis, during the fiscal year, 1886–87.
No. 3. Statement of lumber, lath, shingles, etc., arrived at the port of St. Louis, during the fiscal year 1886–87.
No. 4. Statement of firewood received and wharfage charged thereon during the fiscal year 1886–87.
No. 5. Statement of wharf privileges, leases, etc., granted by ordinance and in force at the end of the fiscal year 1886–87.
No. 6. Statement of monthly wharf privileges, rents, etc., granted by general ordinance and in force at the end of the fiscal year, 1886–87.

Respectfully submitted,

JOHN ALT,
Harbor and Wharf Commissioner.

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No. 1. — TABLE SHOWING THE CONDITION OF CONTRACTS CHARGEABLE TO REPAIRS OF DYKES, WHARF AND RIVER BANK.

No. of Contract.	Name of Contractor.	Character of Work.	Amount Certified to April 12, 1886.	Amount Certified to from April 12, 1886, to April 11, 1887.	Total amount Certified.	Percentage retained.	Remarks.
1,284	Philip F. Stifel	Repairs on wharf north of Market street, from July 1, 1885, to July 1, 1886	$1,357 71	$ 316 78	$1,674 49	.....	Closed.
1,285	Philip F. Stifel	Repairs on wharf south of Market street, from July 1, 1885, to July 1 1886	1,398 87	482 71	1,881 58	.....	Closed.
1,286	Philip F. Stifel	Repairs on wharf with granite blocks, from July 1, 1885, to July 1, 1886	790 01	8,236 24	9,026 25	.....	Closed.
1,484	Bambrick & Bates	Repairs of wharf north of Market street from July 1, 1886, to July 1, 1887	.....	1,392 13	1,392 13	154 68	
1,485	Philip F. Stifel	Repairs on wharf south of Market street, from July 1, 1886, to July 1, 1887	.....	4,390 78	4,390 78	487 86	
1,486	Fred Skrainka	Repairs on wharf with granite blocks, from July 1, 1886, to July 1, 1887	.....	10,137 88	10,137 88	1,126 43	

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No. 2—STATEMENT OF THE ARRIVAL OF STEAMBOATS AND BARGES AT THE PORT OF ST. LOUIS DURING THE FISCAL YEAR 1886-87.

Fiscal Year, 1886-87.	*Upper Miss. River.*				*Lower Miss. River.*				*Missouri River.*				*Illinois River.*					*Ohio River.*			
	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Canal Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.
	No.	No.	No.		No.	No.	No.		No.	No.	No.		No.	No.	No.	No.		No.	No.	No.	
April 12th to 30th, 1886	44	16	15	17,966	20	15	34	27,253	9	....	....	3,856	14	6	9	12	13,003	10	9	35	11,894
May, 1886	78	39	21	32,325	37	40	61	66,190	18	....	....	4,520	20	9	5	22	19,108	18	17	58	20,988
June, 1886	76	51	20	40,330	31	43	45	61,293	16	1	1	3,657	22	2	2	6	6,213	15	10	40	15,780
July, 1886	74	56	38	46,719	36	62	62	80,363	35	1	1	6,180	29	....	....	20	9,038	28	17	50	24,486
August, 1886	59	71	74	50,837	48	60	58	81,019	23	2	1	5,977	18	....	....	16	8,405	22	8	1	8,766
September, 1886	67	60	65	45,141	46	48	66	74,361	10	1	....	3,241	9	....	....	14	3,656	17	1	1	6,454
October, 1886	66	46	51	39,305	35	33	55	46,328	13	2	2	2,654	19	....	....	14	5,737	15	....	1	5,927
November, 1886	45	33	28	23,167	25	27	46	39,835	11	....	....	1,182	15	2	....	12	4,330	8	2	4	4,640
December, 1886	....	1	1	287	2	5	5	3,920	....	....	....	.....	....	....	....	....	.....	....	....	....	.....
January, 1887	1	....	....	319	2	4	7	5,581	....	....	....	.....	....	....	....	....	.....	....	....	....	.....
February, 1887	28	2	8	10,072	25	28	42	40,506	4	1	....	427	8	1	3	8	1,782	5	1	....	1,008
March, 1887	70	11	11	28,308	47	44	63	61,119	15	1	....	2,027	18	11	6	25	17,382	11	6	14	8,306
April 1st to 12th, 1887	27	5	10	11,736	19	15	26	23,870	7	1	....	1,819	3	2	4	3	5,125	3	2	8	3,629
Total	630	391	337	345,312	383	424	570	611,671	167	10	5	34,543	168	35	30	147	31,365	142	68	218	112,908

Highest water on the gauge 27 feet, May 13, 1886.
Lowest water on the gauge 0 feet, December 5, 1886

Navigation was closed from December 2, 1886, to January 20, 1887.

RECAPITULATION.

	Packets.	Boats.	Canal Boats.	Barges.	Tonnage.
Upper Mississippi River	630	391	.....	337	345,312
Lower Mississippi River	383	424	.....	570	611,671
Missouri River	167	10	.....	5	34,543
Illinois River	168	35	30	147	31,365
Ohio River	142	68	.....	218	112,908
Total	1,490	928	30	1,277	1,135,899

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No. 3 — REPORT OF LUMBER, SHINGLES, LATHS, PICKETS AND LOGS RECEIVED AT THE PORT OF ST. LOUIS DURING THE FISCAL YEAR ENDING APRIL 11, 1887.

	White Pine Feet.	Poplar Feet.	Cotton-wood. Feet.	Waln't Feet.	Ash. Feet.	Oak. Feet.	Cypr'ss Feet.	Gum. Feet.	Hickory. Feet.	Yellow Pine. Feet.	Sycam're Feet.	Shingles. No.	Laths. No.	Pickets No.	Logs. Sup. Feet
April 10 to 30, 1886.	2,559,405	895,000	475,000	15,000	10,000	3,500	84,000	45,000	.....	.....	.....	477,000	16,000	31,750	448,140
May	15,015,416	371,000	79,000	24,000	8,000	16,000	22,757	37,000	.....	.....	.....	8,015,000	3,538,000	128,520	945,278
June	23,305,459	1,697,000	445,000	138,000	30,000	28,000	10,000	75,300	4,500	14,790	88,000	8,333,000	6,853,000	514,000	1,170,400
July	17,217,884	1,229,162	187,000	59,000	44,000	7,975	51,000	117,000	8,000	20,000	.....	6,330,000	6,858,600	28,500	1,559,460
August	13,141,152	1,024,300	.....	365,000	.....	33,500	10,000	18,000	.....	.....	20,000	5,058,000	5,250,200	33,340	524,066
September	19,083,606	977,500	676,000	124,000	40,000	15,500	15,000	19,000	1,000	.....	.....	8,966,750	5,109,800	43,220	678,432
October	20,444,744	342,000	212,000	24,000	34,000	28,300	.....	23,000	.....	.....	5,000	7,474,250	6,983,000	57,000	811,000
November	13,386,554	164,500	1,301,000	79,000	114,000	54,000	.....	252,300	.....	39,000	36,000	3,059,000	2,546,000	26,000	193,660
December	.....	.....	.....	.....	.....	.....	10,000	.....	.....	.....	7,000	282,500	.....	.....	.....
January 1 to 31, '87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	480,738	228,000	77,000	245,000	186,000	.....	.....	.....	.....	.....	.....	.....	.....	195,000
March	.....	1,838,000	1,187,200	388,750	70,800	3,900	18,000	68,000	.....	6,000	86,000	800,000	.....	.....	800,000
April 1 to 12, 1887.	1,279,488	669,000	75,000	42,700	86,850	69,000	.....	20,000	.....	25,000	9,000	980,000	400,000	.....	140,000
	125,433,858	9,688,245	4,815,200	1,336,450	682,650	480,000	170,000	743,600	13,500	104,790	251,000	49,775,500	37,554,600	861,000	7,463,420

NOTE. — Only superficial feet of log rafts given.

No. 4 — WOOD RECEIVED DURING THE FISCAL YEAR ENDING APRIL 12, 1887.

	SOUTHERN DISTRICT.				NORTHERN DISTRICT.			
	Wood. Cords.	Wharfage. Amount.	Wood. Cords.	Second Wharfage. Amount.	Wood. Cords.	Wharfage. Amount.	Wood. Cords.	Second Wharfage. Amount.
April 10 to 30, 1886	261	$26 10	.....	.....	520	$52 00	.....	.....
May	691	69 10	.....	.....	245	24 50	.....	.....
June	435	43 50	.....	.....	260	26 00	.....	.....
July	130	13 00	.....	.....	260	26 00	.....	.....
August	130	13 00	.....	.....	70	7 00	.....	.....
September	75	7 50	.....	.....	.....	.....	.....	.....
October	880	88 00	.....	.....	350	35 00	135	$6 75
November	195	19 50	.....	.....	240	24 00	.....	.....
December	.....	.....	150	$7 50	.....	.....	.....	.....
January 1 to 31, 1887	.....	.....	300	15 00	.....	.....	175	8 75
February	.....	.....	.....	.....	.....	.....	40	2 00
March	135	13 50	75	3 75	260	26 00	55	2 75
April 11 to 12, 1887	.....	.....	.....	.....	130	13 00	.....	.....
	2832	$283 20	525	$26 25	235	$23 50	405	$20 25

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No. 5.—STATEMENT OF WHARF PRIVILEGES GRANTED BY ORDINANCE YIELDING REVENUE TO THE CITY, AND IN FORCE AT END OF FISCAL YEAR 1886-87.

Ordinance.	Description.	Commenced.	Expires.	Rate per Annum.	Remarks.
10,143 12,424	Joseph Yoch & Bros., coal landing south of Louisa street..	March 22, 1883.	March 22, 1896.	$ 300 00	For transportation and handling of coal.
10,044 11,272	St. Louis Cotton Compress Co., portion of wharf between Miller and Rutger streets.....	Jan. 1, 1879....	Jan. 1, 1889....	360 00	
11,118	Oscar Thilmany (now St. Louis Wood Preserving Co.), a portion of wharf at foot of North Market street.....	Sept. 1, 1879....	Sept. 1, 1894....	600 00	$600 for first 5 years, $800 for second 5 years and $1,000 for last 5 years.
11,204	Iron Mountain Elevator Co., a portion of wharf between Lombard Street and Chouteau avenue.....	Jan. 1, 1880.....	Jan. 1, 1905....	600 00	Space occupied by elevator bins.
11,270	St. Louis Cotton Compress Co., portion of wharf between Marion and Barry streets.....	Jan. 1, 1880.....	Jan. 1, 1890....	125 00	Space occupied by platforms of cotton warehouse.
11,390	Wabash, St. L. & P. R. R. Co., portion of wharf between Ashley and Bates streets.....	July 1, 1880....	July 1, 1904....	1200 00	
11,401	St. Louis Cotton Compress Co., portion of wharf south of Rutger street.....	July 3, 1880....	July 3, 1905....	1 00	
11,468	Peper Compress Co., portion of wharf north of Rutger st..	July 1, 1880....	July 1, 1895....	325 00	$325 for first 3 years, $500 for next 7 years, $600 for last 5 years.
11,486	St. Louis Cotton Compress Co., portion of wharf between Marion and Carroll streets.....	Nov. 26, 1880...	Jan. 1, 1890....	125 00	Space occupied by platforms of cotton warehouse.
11,585	Cotton Transportation Co., track-room between Rutger and Carroll streets.....	Feb. 10, 1881...	Feb. 10, 1891...	300 00	
12,015	Schulenburg & Boeckeler Lumber Co., portion of wharf between St. Louis avenue and Montgomery street.....	April 1, 1882...	April 1, 1892...	200 00	$200 for first 5 years, $300 for last 5 years.
12,016	Schulenburg & Boeckeler Lumber Co., portion of wharf in front of block 291.....	April 1, 1882...	See Remarks.	100 00	Subject to repeal by ordinance.
12,024	Central Elevator Co., portion of wharf in front of blocks 855, 856 & 1857.....	Jan. 1, 1880....	Jan. 1, 1905.....	200 00	For railway tracks.
12,040	Donk Brothers & Co., a portion of the wharf between Lesperance street and Lafayette avenue,.....	July 1, 1882....	July 1, 1892....	900 00	For the handling of coal.
12,480	Schulenburg & Boeckeler Lumber Co., portion of wharf in front of block 268 east.....	April 16, 1883...	April 16, 1903..	200 00	$200 for first 10 years, $500 for last 10 years.
12,481	Schulenburg & Boeckeler Lumber Co., portion of wharf in front of block 269.....	April 16, 1883...	See Remarks.	50 00	Subject to repeal by ordinance.
12,714	Schulenburg & Boeckeler Lumber Co., portion of wharf in front of block 268 east.....	March 15, 1884.	See Remarks.	50 00	Subject to repeal by ordinance.
12,726	St. Louis Woodenware Works, portion of wharf foot of Anna street.....	Jan. 1, 1884....	Jan. 1, 1889....	500 00	For the handling and storing of logs and lumber.
12,742	Ill. & St. Louis Railroad & Coal Co., portion of wharf foot of Labeaume street.....	April 5, 1884...	April 5, 1889...	500 00	For railway tracks and transfer of cars.
12,744	Edwin Harrison, portion of wharf in front of blocks 288, 289 & 290.....	May 6, 1884....	May 6, 1914....	750 00	For railway tracks and incline.

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12,745	Huse & Loomis Ice & Transportation Co., portion of wharf foot of Lesperance street	March 19, 1884..	March 19, 1889.	$ 780 00	For landing, hauling and storing of ice.
12,795	St. Louis Sectional Dock Co., portion of wharf foot of Smith street	April 15, 1884..	Jan. 1, 1899....	2000 00	For building, landing and launching boats, etc
12,749	Wiggins Ferry Co., portion of wharf foot of Lesperance st.	March 29, 1884.	Jan. 1, 1894....	2400 00	For railway tracks for storing and switching cars.
12,968	Chester & Keller Mfg. Co., portion of wharf foot of Victor street	March 3, 1884..	March 3, 1889..	300 00	For landing, hauling and storing wood.
13,037	St. Louis Grain Elevator Co., portion of wharf foot of Ashley street	Jan. 7, 1885....	Jan. 7, 1900....	300 00	For derricks, elevators and other machinery
13,062	Merchants' Elevator Co., portion of wharf south of Florida street	Jan. 1, 1885....	Jan. 1, 1905....	750 00	For maintaining grain conveyor across levee
13,102	St. Louis, Iron Mountain & Southern Ry. Co., portion of wharf bet. Carroll street and Lafayette ave	Jan. 1, 1885...	Jan. 1, 1895....	2,000 00	For railway tracks and switches.
13,643	Chandler & Smith, portion of wharf south of Rutger st.	March 1, 1886.	March 1, 1901.	300 00	$300 for first five years, $450 for next five years, and $600 for last five years.
13,694	Merchants' Elevator Co., portion of wharf south of Florida street	July 1, 1886...	July 1, 1906....	50 00	For shipping bins.

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No. 6.—STATEMENT OF WHARF PRIVILEGES GRANTED BY GENERAL ORDINANCE AND YIELDING REVENUE TO THE CITY, AND IN FORCE AT END OF FISCAL YEAR 1886-87. SUBJECT TO CANCELLATION AT 30 DAYS' NOTICE.

Description.	Rate per month.	Description.	Rate per month.
Belcher Sugar Refining Co., portion of wharf, between Bates and Ashley streets	$ 10 00	J. R. Heinrichs, portion wharf near foot of Convent street	$ 20 00
Missouri Sand Co., Landing at foot of Chambers street	25 00	Wm. Bandenburger, portion of wharf near Carroll street	20 00
Missouri Sand Co., Landing at foot of Chambers street	25 00	Bandenburger Coal and Mining Co., portion of wharf near Carroll st.	15 00
Griffiths & Adams Sand and Gravel Co., landing for hauling sand	25 00	Mound City Warehouse Co., portion of wharf foot of Mound street	8 00
Griffiths & Adams Sand and Gravel Co., landing for hauling sand	25 00	Knapp, Stout & Co., portion of wharf near Bremen avenue	15 00
Joseph Yoch & Bros., incline foot of Louisa street	25 00	New St. Louis Sand Co., portion of wharf foot of N. Market street	25 00
Joseph Yoch & Bros., scales foot of Anna street	2 00	New St. Louis Sand Co., portion of wharf near Cedar street	25 00
Wiggins Ferry Co., portion of wharf, bet. Chouteau ave and Convent street	25 00	St. Louis Woodenware Works, portion of wharf south of Sidney street	80 00
Wiggins Ferry Co., portion of wharf near Mound street	82 50	W. H. Brown's Sons, portion of wharf north of north wall of Mill Creek Sewer	20 83
Schulenburg & Boeckeler Lumber Co., portion of wharf bet. N. Market and Warren streets	16 66	Eau Claire Lumber Co., portion of wharf foot of Barton street	50 00
St. Louis Gaslight Co., portion of wharf foot of Rutger street	28 66	Thos. J. Whitman, use of City, portion of wharf bet. Smith and Dickson streets	1 00
Wiggins Ferry Co., portion of wharf bet. Bogy and Labeaume sts	27 50	Wiggins Ferry Co., portion of wharf bet. Bogy and Mound streets	90 00
Methudy & Meyers, portion of wharf known as N. Wharf Common	186 11		

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ANNUAL REPORT

OF THE

Commissioner of Public Buildings

FOR THE

FISCAL YEAR, 1886-1887.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS,
ST. LOUIS, April 25, 1887.

Hon. Henry Flad, President Board of Public Improvements:

DEAR SIR — I have the honor to herewith submit for transmission to the Mayor the report of the business transacted by this department during the fiscal year commencing April 18, 1886, and ending April 11, 1887.

The work embraced under the head of inspection of buildings as executed by the department during the year has been satisfactorily performed, considering the limited force allowed by the ordinance governing the matter. Innumerable inspections were made of new and old buildings, among them 27 business buildings were examined by request and an official opinion relative to the safety of the building was given, in each instance, to the owner or occupant; 137 church buildings were examined in reference to doors of exit swinging outwardly; 189 minor violations of the building ordinance were discovered, which, in most cases, were remedied by the parties interested, upon receipt of notice from this department, there being only nine cases where resort to the courts was found necessary; dangerous buildings to the number of 177 were found to exist, the proper steps were taken in each case by the Mayor notifying the owners or agents of same to remove the danger; this was done in all but four places, where the owners refused to comply with the order of the Mayor and the buildings were demolished by the city as provided for in sections 32 and 33 of Ordinance No. 12,027.

In my last annual report mention was made of the introduction of an ordinance in the Municipal Assembly, the object of which was to increase the number of building inspectors to four. I regret to say that it failed to pass. Were the increase made there would be no trouble in rigidly enforcing the building ordinance in all of its details. To accomplish this result a systematic inspection of buildings during the course of erection would be necessary; it is impossible to do this with the present force, as most of the time of the inspectors is occupied in examining dangerous buildings, attending to police reports, complaints, etc. It may be said, however, that the building ordinance of the city is generally regarded as a wise measure and its requirements are heeded by those desiring good, substantial buildings.

Several amendments to the building ordinance have recently been adopted by the Municipal Assembly; among the more important ones was one slightly changing the lines of the fire limits, and one which will permit the erection of frame stables and sheds of restricted dimensions on the rear of lots anywhere in the city, provided the majority of the property owners in the block, where the structure is to be erected, give their consent in writing to such erection. I

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think these changes will prove popular and will not, to any extent mentionable, increase the fire danger. One other amendment I would like very much to see passed, that is, to make the rate of the permit fees $1.00 for every $1,000.00 of improvements. If this were done the income would be nearly sufficient to pay the running expenses of the office. I do not think that any reasonable objection to this increase could be made as the burden would fall on those well able to afford it.

The value of building improvements and the amount of fees collected during the last fiscal year is shown in the following statement: —

Months.	New Brick Buildings.		New Frame Buildings.		Value of Additions & Alterations to Brick & Frame Bldgs.	Fees Collected.
	No.	Value.	No.	Value.		
April	111	$312,775 00	17	$12,191 00	$31,805 00	$358 00
May	116	324,330 00	38	55,370 00	113,997 00	365 00
June	130	399,750 00	40	30,515 00	83,832 00	385 00
July	139	373,582 00	60	53,215 00	102,413 00	407 50
August	175	531,159 00	49	44,585 00	74,990 00	477 50
September	178	537,815 00	56	46,125 00	64,553 00	489 50
October	159	446,047 00	43	28,235 00	54,850 00	402 00
November	105	411,820 00	27	24,195 00	38,215 00	342 50
December	60	144,285 00	26	37,900 00	24,765 00	168 00
January	87	472,235 00	23	16,750 00	21,745 00	323 50
February	155	609,812 00	33	29,385 00	62,540 00	492 00
March	247	751,127 00	73	55,350 00	67,585 00	685 00
April	55	174,050 00	32	35,350 00	12,877 00	167 00
Total	1717	$5,488,787 00	519	$464,156 00	$754,167 00	$4,933 50

The total value of improvements is $713,470, less than the preceding year but considering the agitation in labor circles during the past year and the number of strikes engaged in by carpenters, stonemasons and other mechanics the wonder is that the decrease was not much larger. It is my firm belief that had there been no differences between labor and capital the record for last year in the building business would have far exceeded that of any previous year in the city's history,

The figures in the above statement are compiled from stubs in the permit books. They represent the aggregate estimates of building improvements as given by owners, architects and contractors when taking out permits, and as in nine cases out of ten the estimates given are considerable lower, and in many instances very much lower, than the actual cost of the work, it follows that they do not represent the true value of improvements; it is owing to this fact that the building statistics of St. Louis do not compare favorably with those of other cities.

The following new buildings were erected for the city during the year, the aggregate cost of same being $6,792.03: —

New dog pound at foot of Gasconade Street; new brick kitchen at the Poor House; addition to the boiler house at the City Hospital; and reconstruction of the northeast wing of the Female Hospital building. For all of which plans and specifications were prepared and the work done under the superintendency of this department.

Considerable repair work was done to several of the buildings belonging to the city. At the House of Refuge, besides the work that was needed to put the new building in a habitable condition, the yards were graded, macadamized and paved, new sewers were laid, the fence and yard division walls were underpinned, repaired, strengthened and raised where required; and all of the old buildings of the institution received attention, repairs having been made where necessary, principally in the boys' department building, where a new front on the east was built and considerable work done in the interior of the building. The sum of $15,388.07 was expended in repairs to the Four Courts building; of this amount $4,496.72 was needed for current repairs, work done in the coroner's office, fitting up a jury room, etc., and fitting up rooms in the basement for use of the First District Police station; the balance was used for overhaul-

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ing and repairing the roofs and cast iron ornaments on cornice, painting the exterior wood, stone and iron work, which besides vastly improving the appearance of the building was needed to preserve the wood work and check the disintegration of the stone work; and putting in new boilers and repairing and altering the steam heating apparatus. At the City Hospital the porches in the rear extending the entire length of the building were thoroughly overhauled and repaired, it having been necessary in many places to remove parts of the structure and put in new work; and a new and improved system of water closets were put in the building. At the Insane Asylum the old water closets were removed and new ones substituted.

The following statement will show the cost of maintaining the buildings under my immediate control and the amounts certified to for work done under my supervision: —

STATEMENT OF EXPENDITURES.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS.

Salaries of Commissioner, deputy, inspectors, draftsmen and clerk	$10,306 41
Keeping horses and vehicles, office expenses, printing and stationery, etc	1,827 20
	$12,133 61

CONSTRUCTION OF PUBLIC BUILDINGS.

Erection of dog pound at the foot of Gasconade street	$ 985 00
Erection of brick kitchen at the Poor House	1,500 16
Addition to boiler house at City Hospital	280 00
Reconstruction of the northeast wing of the Female Hospital building	4,026 90
	$6,792 06

CITY HALL—SALARIES AND CURRENT EXPENSES.

Salaries of janitors and watchman	$ 6,044 68
Awnings, and repairing same	198 51
Fuel	1,643 02
Gas	2,801 84
Ice, hauling ashes and rubbish, night watches, signals, sprinkling, towels and washing same, brooms, buckets, mops, dusters, soap and other supplies and petty expenses	1,918 81
Bills outstanding at beginning of fiscal year	89 00
	$12,645 86

COURT HOUSE—SALARIES AND CURRENT EXPENSES.

Salaries of janitors, engineer, fireman and watchman	$ 6,304 80
Awnings and repairing same	85 21
Fuel	1,328 18
Gas	3,348 70
Ice, hauling ashes and rubbish, rent of telephone, sprinkling, towels and washing same, brooms, buckets, soap and other supplies and petty expenses	2,073 03
Bills outstanding at beginning of fiscal year	541 05
	$13,680 97

FOUR COURTS—SALARIES AND CURRENT EXPENSES.

Salaries of janitors, engineers, firemen and watchman	$ 8,063 55
Awnings and repairing same	49 15
Fuel	2,759 40
Gas	1,263 90
Ice, hauling ashes and rubbish, night watch, signals, sprinkling, towels and washing same, brooms, buckets, dusters, mops, soap and other supplies and petty expenses	2,457 73
Bills outstanding at beginning of the fiscal year	353 70
	$14,967 43

COURT HOUSE ELECTRIC LIGHT ILLUMINATION.

Furnishing fourteen lights during Exposition and Fair	$350 00

CONTINGENT FUND.

Tearing down two dangerous buildings	$145 25
	$145 25

VARIOUS REPAIRS, ALTERATIONS AND IMPROVEMENTS.

Assessor and Collector of Water Rates	$ 380 80
Benton Park	69 00

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Board of Public Improvements—President's department	$57 48
City Hall—Repairs and alterations	2,015 17
City Hospital	8,848 64
City Hospital—Alterations and repairs	1,500 00
Courts	1,208 81
Court House—Repairs and alterations	3,010 06
Female Hospital	1,691 62
Fire Alarm Telegraph	521 05
Fire Department	6,072 04
Forest Park	3 50
Four Courts—Repairs and alterations	4,496 72
Four Courts—Repairs and alterations, Ordinance No. 13,821 (new boilers and repairing heating apparatus)	6,299 96
Four Courts—Repairs and alterations, Ordinance No. 13,527 (repairing roofs and cast iron ornaments)	2,492 30
Four Courts Building—Repairs and alterations, Ordinance No. 13,702 (repairing and painting outside wood, stone and iron work)	2,099 09
Gas light	5 86
Gravois Park	13 20
House of Refuge	71 80
House of Refuge—Improvements and repairs	14,923 40
Insane Asylum	1,165 32
Insane Asylum—Improvements, alterations and repairs	3,992 20
Jail	1,039 84
Markets	387 43
Morgue	295 36
Municipal Assembly	91 65
O'Fallon Park	12 05
Office Expenses	71 05
Poor House	288 18
Quarantine and Small-pox Hospital	10 68
Recorder of Deeds	41 66
St. Louis Park	18 05
Scales	100 05
Street Commissioner's department	193 73
Street Repairs—Miscellaneous expenses	105 17
Water Works	749 68
Water Works—Meter department	98 00
Water Works—Street service department	80 00
Work House	213 46
	$64,623 56

RECAPITULATION.

Commissioner of Public Buildings	$12,133 61
Construction of new buildings	6,792 03
City Hall—Salaries and current expenses	12,645 86
Court House—Salaries and current expenses	13,650 97
Four Courts—Salaries and current expenses	14,967 43
Court House—Electric Light Illumination	350 00
Contingent fund	145 25
Various repairs, alterations and improvements	64,623 56
	$125,308 71

In the first annual report submitted by me three years ago I recommended the lighting of the City Hall, Court House, Four Courts and Jail buildings and the Union Market with electricity, and in each succeeding report the matter has been referred to and the scheme advocated; again permit me to urge its adoption.

The figures, as compiled from the bills paid, show that there was an increase of 866,100 cubic feet in the consumption of gas last year in the buildings above mentioned over that of the preceding year; an indication that the consumption of gas is steadily on the increase. The aggregate amount paid during the last fiscal year for gas furnished the four buildings was $10,786.24. $6,000 per annum is a liberal estimate of what the running expenses of the electric light would be, or $4,786.24 less than the cost of gas, taking the amount paid last year as an average; in a fraction over five years this saving would pay for the cost of putting in the apparatus which could be put in complete for $25,000.

Estimates of appropriation for repair work needed during the current fiscal year at the buildings under my control have been made and submitted to the Comptroller; they are as follows:—

CITY HALL.

For repairs requiring prompt attention, carpentry, painting and glazing, plumbing and gas-fitting, locksmithing, papering, whitening and plastering, repairing roofs, gutters and downspouts	$2,335 00
For strengthening the inside of the building	6,000 00
	$8,335 00

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COURT HOUSE.

For repairs requiring prompt attention, carpentry, painting and glazing, locksmithing, whitening and plastering, repairing boilers and heating apparatus, plumbing and gas-fitting	$3,400 00
Repairing and overhauling roofs, gutters and downspouts	4,000 00
	$7,400 00

FOUR COURTS BUILDING.

For repairs requiring prompt attention, carpentry, painting and glazing, plumbing and gas-fitting, locksmithing and whitening and plastering, repairing boilers and heating apparatus, roofs, gutters and downspouts	$2,500 00

At the City Hall the inside construction of the building as described in my last annual report has certainly not improved; on the contrary, the decay of girders, etc., and the consequent settlement of the building has reached to such a stage as to cause serious doubts in my mind regarding the safety of the building. Immediate steps should be taken looking to the remedying of the defects and strengthening the weak portions of the building. The estimate submitted of $6,000, if appropriated, will cover the expense.

Authority is given and money appropriated in an ordinance recently passed to construct a meeting room for the Board of Public Improvements in the third story. The work will soon be begun and when finished will prove a much desired improvement.

At the Court House the roofs, which are of copper, are in a very poor condition and leak badly; they were the source of much annoyance and damage last winter, the water having leaked through in many places to the offices below on the second story. They certainly need attention. The gutters and downspouts all around the building have decayed and they are of but little service, in fact, it is owing to the gutters being too small to carry off the water that has caused the rapid decay of the roofs. The amount requested for this work — $4,000 — may seem high, but the roofs being of copper the work will be expensive, and there is a great deal to do.

An ordinance recently passed authorizes the removal of the iron stairs and the conversion of the east hall rooms in the south wing of the Court House into rooms for the use of the Assessor on the first floor and Judges' reading room on the second floor, and the fitting up of the office of the Clerk of the Circuit Court with record cases and permanent office fixtures. Plans and specifications for the alterations have been prepared and approved by the Mayor and the above named officers and the work will soon commence.

The extensive repairs made to the Four Courts building during the last fiscal year were opportune and the building is now in a good condition; the amount requested will pay for all the work that may be necessary during the current year.

In conclusion, I desire to express my sincere thanks for the kind assistance you have rendered me in the discharge of my duties. As the term for which I was appointed is nearly at an end it affords me much pleasure to know that the relations between this department and yours have always been of the most harmonious nature.

Respectfully submitted,

Your obedient servant,

L. KLEDUS,

Commissioner of Public Buildings.

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ANNUAL REPORT

OF THE

Secretary of the Board of Public Improvements

For the Fiscal Year ending April 11th, 1887.

ST. LOUIS, April 12, 1887.

To the Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report for the fiscal year ending April 11, 1887: —

MEETINGS.

There were held during the year fifty regular meetings, twenty special meetings, twenty-four adjourned meetings and thirty-one called meetings. Total number, one hundred and twenty-five.

PETITIONS.

There were received by the board two hundred and ninety-one petitions, ending with No. 2871, and classed as follows: —

For improvement of streets and alleys	149
For opening streets and alleys	20
For reconstructing streets	10
For vacating streets and alleys	5
For crosswalks	3
For street bridges	2
For change of grade of streets	2
For change of line of street	1
For water pipe	59
For district sewers	29
For increased sewer facilities	5
For public sewers	3
For extension of public sewers	3

Of these two hundred and ninety-one petitions there were referred: —

To the street commissioner	192
To the water commissioner	59
To the sewer commissioner	40

There were one hundred and forty-four petitions considered in open meetings after two weeks' public notice as required by the Charter, classed as follows: —

For improvement of streets and alleys	122
For opening streets and alleys	22

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Of these there were received during the preceding fiscal year ending April 12, 1886, forty-three, classed as follows: —

For improving streets and alleys.....37
For opening streets and alleys..... 6

ON BOARD'S MOTION.

The Board of its own motion considered in open meetings, the matters hereinafter mentioned, two weeks' public notice having been given as required by the Charter: —

The paving of sidewalks with brick on the following named streets, to wit:—
Cherokee street between Jefferson avenue and Iowa avenue.
Compton avenue between Rutger street and Caroline street.
Dolman street between Hickory street and Park avenue.
Gaine street between Beauty alley and Indiana avenue.
Laclede avenue between Theresa avenue and Grand avenue.
McNulty street between Second Carondelet avenue and Vail place.
Ninth street between Wyoming street and Utah street.
Pestalozzi street between Jefferson avenue and Missouri avenue.
Potomac street between Jefferson avenue and Texas avenue.
Shenandoah street between Second Carondelet avenue and Buena Vista street.
Vail place from McNulty street southwardly to east and west alley.
Victor street between Seventh street and Ninth street.

Also the partial improvement of the following named streets, to wit: —

Olive street from Taylor avenue eastwardly for a distance of about 1,250 feet.
Taylor avenue between Olive street and Delmar avenue.
Washington avenue between Newstead avenue and Taylor avenue.

Also the full improvement of the following named streets, to wit: —

Broadway between Osage and Osceola streets.
Broadway between Osceola street and Maeder street.
Broadway between Maeder street and Ellwood street.
Caroline street between the west line of Lamotte's addition and Ewing avenue.
Park avenue between Compton avenue and Grand avenue.
Twentieth street between Cass avenue and Madison street.

Also the matter of reconstructing the streets hereinafter named, to wit:—

Broadway from Mullanphy street to Hempstead street.
Broadway from Hempstead street to Chambers street.
Broadway from Chambers street to North Market street.
Broadway from North Market street to St. Louis avenue.
Chouteau avenue from the west line of Second Carondelet avenue to the west line of Jefferson avenue.
Easton avenue from Leffingwell avenue to Garrison avenue.
Easton avenue from Garrison avenue to Compton avenue.
Easton avenue from Compton avenue to Grand avenue.
Eighth street from Christy avenue to Franklin avenue.
Franklin avenue from Jefferson avenue to Compton avenue.
Grand avenue from Laclede avenue to the center line of Morgan street running west of Grand avenue.
Grand avenue from the center line of Morgan street running west of Grand avenue to Easton avenue.
Gratiot street from Fourth street to Seventh street.
Gratiot street from Seventh street to a point 186 feet west of Tenth street running south.
Gratiot street from Tenth street running north to a point 186 feet west of Tenth street running south.
Gratiot street from Twelfth street to Fourteenth street.
Lindell avenue from Grand avenue to a point 660 feet west of Grand avenue.

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Seventeenth street from Pine street to St. Charles street.
Seventeenth street from St. Charles street to Washington avenue.
Spruce street from Fourth street to Eighth street.
Spruce street from Eighth street to Twelfth street.
Tenth street from Spruce street to Market street.
Twelfth street from Gratiot street to Chouteau avenue.
Washington avenue from Compton avenue to Grand avenue.

MISCELLANEOUS.

One hundred and twenty-five communications of miscellaneous nature were received and considered: of these, twelve were from the Board of Health, recommending various matters as sanitary measures.

Twenty-six plats of subdivisions of property were submitted for the approval of the Board, twenty-four of which the President was directed to indorse as in conformity with the general plan of the city, and two of which were not approved.

Five hundred and twenty-four applications were received for permission to erect telegraph or telephone poles, to construct areaways, vaults, sidewalks etc., and to grade and pave at private expense, in response to which four hundred and fifty-one permits were issued,

The number of ordinances recommended to the Municipal Assembly was two hundred and thirty-two; of these two hundred and twenty-eight were forwarded to the Assembly, and four are held, to be forwarded when the Assembly shall again be in session.

The number of lettings advertised was 180, and the number of contracts awarded was 176, involving an estimated expenditure of $1,762,121.61.

Twelve official visits were made to the Work House during the year as required by ordinance.

Very respectfully,

EMORY S. FOSTER,
Secretary.

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ANNUAL REPORT

OF THE

CITY JAILER

For the Fiscal Year Ending April 11th, 1887.

JAILER'S OFFICE, ST. LOUIS, April 11th, 1887.

Hon. David R. Francis, Mayor:

SIR — I have the honor to present the following as the annual report of the City Jail for the year ending April 11th, 1887: —

SANITARY CONDITION.

The general health of the prisoners has been good, but six only have been sent to the hospital for treatment, and three have died, shortly after incarceration.

SUGGESTIONS.

I desire to renew my suggestions made in my preceding annual report regarding the establishment of separate apartments in the Jail for females and young persons. Experience demonstrates that there should be absolutely no means of communication in prison between men and women, and this can only be prevented by their being kept entirely apart, and intercourse between hardened criminals and young prisoners not only tends to corrupt the latter, but also interferes most seriously with their reformation.

APPROPRIATION.

The appropriations for the Jail for the fiscal year just closed were as follows: —

General expenses	$29,300 00
Repairs	9 50
Total	$29,309 50

The following amounts have been placed in the Comptroller's hands for collection, viz.: —

United States Government	$1,752 60

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The following amounts are due the city, for boarding and keeping prisoners, viz.: —

Franklin County, Mo	$45 00

The following amounts have been collected and paid into City Treasury: —

Transient prisoners	$487 50
For bread and bones sold	77 40
By the Clerk of the Criminal Court for boarding and keeping prisoners in the jail	9,590 00
By the Clerk of Criminal Court of Correction as above	1,816 00
Michael Garrigan, Jail Guard, over payment on pay-roll for December, 1886	13 35

RECAPITULATION.

Bills against United States Government	$ 1,752 60
Bills due from Franklin County, Missouri	45 00
Transient Prisoners	487 00
Bread and bones sold	77 45
By Clerk of Criminal Court	9,590 00
By Clerk of Criminal Court of Correction	1,816 00
Guard over payment	13 35
Total	$ 13,781 40

The following table will set forth more fully the receipts and expenditures of the Jail for the fiscal year:—

General Appropriation		$ 29,300 00
Expended during fiscal year		27,197 04
Returned to general revenue		2,102 96
Appropriation for repairs		$9 50
Expended for repairs		9 50
Appropriation for Expenses		$29,300 00
Appropriation for Repairs		9 50
Total		$29,309 50
Receipts from Jail		$13,781 40
Returned to general revenue		2,102 96
Total		$15,884 36
Cost to City for Jail and repairs		$13,425 14

Amount expended for repairs from general appropriation, viz.:—

Brick Work	$30 30	
Carpenter Work	65 04	
Glazing	6 85	
Iron Work	316 35	
Plumbing Work	306 00	
Sewer Work	17 25	
Tin Work	281 80	
Whitening	16 25	
Total		$1,039 84
General running expenses		$26,157 20
Repairing expenses		1,039 84
Total		$27,197 04
Cost of Boarding Prisoners per day		19 cents.

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NATURE OF CRIMES.

Assault	2
Assault and battery	74
Assault to kill	183
Assault to do bodily harm	25
Attempt petit larceny	3
Attempt rape	18
Attempt robbery first degree	9
Attempt fraud	5
Attempt burglary second degree	3
Attempt burglary	2
Attempt to procure abortion	1
Attempt commit larceny	3
" " grand larceny	1
" burglary, 2d degre and larceny	3
" bribery	1
" incest	2
Accepting bribes	1
Abandoning his wife	25
" " child	1
Arson	4
" 3d degree	1
Burglary, 1st degree and larceny	16
" 2d " " "	148
Bigamy	2
Corrupt voluntary oath	1
Cruelty to animals	4
Contempt of court	2
Compounding a felony	1
Disposing of chattels mortgaged	3
Defrauding hotel	5
Destroying telegraph wire	1
Embezzlement	47
Enticing female under age	2
Fraud	65
Fine and cost	128
Fugitive from justice	14
Forgery	2
" 3d degree	1
Fraudulent conveyance of property	2
Grand larceny	179
Incest	2
Keeping assignation house	1
" gambling "	6
" bawdy "	1
Kidnapping	2
Lewd and lascivious cohabitation	5
Larceny by bailee	2
Murder, 1st degree	9
" 2d "	13
Manslaughter, 3d degree	1
" 4th "	7
Malicious destruction of property	13
" trespass	4
Obstructing railroad track	3
Open and notorious adultery	3
Obtaining board under false pretenses	2
Obtaining property under false pretenses	2
Perjury	4
Petit larceny	534
Practice medicine, etc	1
Robbery, 1st degree	84
Riotously disturbing peace	4
Rape	9
Receiving stolen property	6
Repeater	1
Selling lottery tickets	10
Safe keeping	99
Seduction	18
Slander	1
Throwing stones at trains	1
Uttering forged papers	1
Unlawful assembly	4
Voluntary corrupt oath	1
Total	1,824

DISPOSITION OF PRISONERS.

Bond	434
Discharged	624
" under insolvent law	251
Died	3
Executed	1
Hospital	6
House of Refuge	19
Penitentiary	142
Pardon by the President	1
Work House	432
Total	1,913

RECAPITULATION.

State cases	1,721
United States cases	68
Justices of Peace cases	13
Transient	22
Total	1,824

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MISCELLANEOUS.

Prisoners on hand April 1st, 1886	189
Males committed	1688
Females committed	136
Total	2,013
Males discharged	1,778
Females "	135
Total	1,913
On hand April 1st, 1887	100
Whites committed	1,361
Colored "	463
Total	1,824
Married committed	541
Single	1,283
Total	1,824

OCCUPATION.

Actors	1	Housekeepers	87
Agents	40	Harness makers	2
Autioneers	1	Janitors	5
Brewers	2	Laborers	670
Bell hangers	1	Locksmiths	1
Barbers	12	Lawyers	2
Blacksmiths	11	Lithographers	2
Butchers	13	Letter carriers	1
Bricklayers	11	Merchants	54
Bakers	21	Moulders	26
Barkeepers	26	Machinists	22
Boiler makers	3	Musicians	2
Basket makers	1	Masons	4
Book keepers	6	None	127
Civil engineers	2	Operators	3
Confectioners	2	Publishers	1
Clerks	58	Photographers	3
Candy makers	2	Painters	41
Cooks	24	Printers	10
Coopers	6	Paper hangers	6
Carpenters	39	Plumbers	10
Collar makers	1	Porters	15
Collectors	4	Pedlars	31
Cigar makers	3	Physicians	1
Cabinet "	2	Plasterers	5
Conductors	4	Pattern makers	1
Contractors	4	Preacher	1
Carriage makers	1	R. R. men	28
Doctors	1	Roofers	2
Druggist	2	Stenographers	2
Dyers	1	Stone masons	5
Engineers	1	Slaters	1
Engravers	1	Salesmen	23
Farmers	45	Servants	34
Gardeners	3	Soldiers	3
Gasfitters	5	Shoe makers	25
Glaziers	2	Saloon keepers	3
Hostlers	34	Saddlers	2
Horseshoers	4	Sailors	1

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Steam fitters	2	Telegraphers	3
Sculptress	2	Upholsterers	1
Stewards	2	Watchmen	1
Stone cutters	1	Washwoman	3
Silver platers	1	Watchmaker	1
Teamsters	105	Whitneners	2
Tailors	5	Waiters	26
Teachers	1	Weavers	1
Tinners	6		
		Total	1,824

NATIVITY.

United States	1,471	Greece	1
Germany	173	Bohemia	1
Ireland	99	Wales	1
England	34	Switzerland	6
Canada	16	Russia	1
Italy	3	Poland	2
France	5	China	2
Scotland	4		
Australia	3	Total	1,824
Sweden	2		

AGES.

From 10 to 20 years	522	From 51 to 60 years	55
From 21 to 30 years	775	From 61 to 70 years	16
From 31 to 40 years	284		
From 41 to 50 years	142	Total	1,824

Respectfully submitted,

H. O. SIEGMUND,
Jailer.

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CITY MARSHAL'S OFFICE.

ST. LOUIS MO., April 12th, 1887.

To Hon. David R. Francis, Mayor City of St. Louis: —

SIR — I have the honor to submit this my annual report of the business of this office for the fiscal year ending April 11, 1887.

FIRST DISTRICT POLICE COURT.

Month.	*Cases Disposed of.*	*Amount Collected.*	*Prisoners sent to Workhouse.*
April	603	$1,327 00	188
May	792	1,241 50	176
June	924	2,056 50	170
July	839	1,881 50	177
August	947	1,646 00	189
September	763	1,392 50	140
October	764	1,329 00	165
November	612	1,072 50	129
December	507	847 50	135
January	421	797 50	98
February	439	776 50	92
March	645	1,290 50	135
Total	8,256	$15,658 50	1,784
Sent to House of Refuge			4

SECOND DISTRICT POLICE COURT.

Month.	*Cases Disposed of.*	*Amount Collected.*	*Prisoners sent to Workhouse.*
April	603	$448 00	122
May	642	685 00	133
June	594	664 00	143
July	602	652 00	137
August	810	825 00	173
September	671	695 00	131
October	690	447 00	144
November	438	290 00	103
December	530	424 00	114
January	335	242 00	91
February	491	545 00	90
March	481	342 00	118
Total	6,887	$6,259 00	1,494
Sent to House of Refuge			2

SOUTH ST. LOUIS POLICE COURT.

Amount collected	$1,145 00
Prisoners sent to Workhouse	61

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SUMMONS SERVED.

First District Police Court	980
Second " " "	801
S. St. Louis " "	134
Total	1,915

BOARD OF HEALTH.

There were served notices of the Board of Health..... 4,200

CIRCUIT COURT.

Number of Circuit Court writs served..... 752

DANGEROUS BUILDINGS, ETC.

Number of dangerous buildings, etc., notices served..... 196

STREET AND ALLEY OPENINGS.

Papers were served for the opening and removal of obstructions of thirty-two streets and alleys.

DOGS, HORSES, ETC.

Dogs caught	8,736
" redeemed	736
" killed	8,000
Horses taken up	45
" redeemed	35
" sold	10
Cattle taken up	146
" redeemed	144
" sold	2
Hogs taken up	39
" redeemed	39
Goats taken up	51
" redeemed	51
Sheep taken up	6
" redeemed	6

There are fifteen deputies in this office, one of whom is in charge of the dog pound.

Amount of appropriation	$19,150 00
Expenses for salaries	18,400 00
General office expenses	689 71
Fees collected for Police Relief Association	2,343 00
Amount realized from sale of old material from street obstruction	215 00
Amount of sales of stray unredeemed stock, which under stock law is credited to school fund	263 80

Respectfully submitted,

MARTIN NEISER,
City Marshal.

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ANNUAL REPORT

OF THE

Chief Engineer of the Fire Department.

ST. LOUIS, April 12, 1887.

Hon. D. R. Francis, Mayor:

SIR — In compliance with the provision of the city charter and the requirements of the ordinance governing and regulating the Fire Department, we beg leave herewith to submit our annual report for the fiscal year ending March 31, 1887, showing the expenditures of the department, the loss of property by fire, the loss on same to insurance companies and the present condition of the department. By referring to the several accounts of expenses it will be seen that the gross expense for the year are $428,410.81; deduct therefrom $871.25 for condemned property turned over to the Commissioner of Supplies, leaves the net expenditures $422,539.56.

The loss of property by fires for the year, as will be seen by the fire report hereto attached, is $1,419,275, and the loss to insurance companies on same is $1,355,545; there were 881 alarms of fires during the year, of which 42 were false; of the above total loss about $800,000 were lost by two fires, viz: Knapp, Stout & Co.'s lumber yard, located on the north side of Bremen avenue, extending back to Angelica street and from Kennett street to the river. This fire occurred about one o'clock p. m. July 18, 1886; had there been a fire plug within a reasonable distance the engine company first on the ground could have extinguished the fire with a loss less than $500, but the nearest fire plug being at least 2,700 feet distant, and by the time the apparatus responding to the general alarm (which was given immediately on the arrival of the first company) had arrived, the fire had spread to such proportions that it was beyond control of the department, so far as the lumber yard was concerned; the other fire was that of Shapleigh-Cantwell Hardware Co., at Nos. 414 to 422 North Main street, which occurred about two o'clock p. m. on December 11, 1886. Some of the buildings had fallen, which caused the alarm, and when the fire apparatus arrived the *debris* of the buildings were enveloped in flames and the destruction of the property about complete. The loss at this fire was about $400,000; take the amount of losses at these two fires from the losses for the year, the showing would be about $650,000. There were also several destructive fires in the outlying districts of the city which have not the advantages of a supply of water for fire service, which has materially added to the losses for the year, and for which the department should not be held responsible.

The department at the present time consists of 29 steam fire engines, including the two recently purchased (one of which is intended to take the place of chemical engine No. 5 located on Easton avenue near Taylor avenue, and the other to take the place of the old heavy steam fire engine No. 16); 30 hose carriages, 25 in constant use, and 5 old ones as extras; 8 hook and ladder apparatuses, 7 in service and one extra; 5 chemical engines; 6 fuel wagons; 1 tool wagon; 180 horses; 27,000 feet of 2½ inch rubber hose; 5,500 feet of 2½ inch cotton hose; 329 men and 7 officers.

We have lost by death during the year four of our members, viz.: John Fitzsimmons, died September 28, 1886, of heart disease; Joseph Schemper was

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killed by wall falling on him at the Arnot Stable fire, February 9, 1887; A. Shockey died March 2, 1887, of heart disease; Henry Whitman died March 17, 1887, of consumption. The family or relatives of each receives the sum of $1,000 from the Fire Department Pension Fund and Relief Association. Thos. J. Sexton, an old member of the department, having suffered greatly for several years with rheumatism, resigned as a member of the department and received $500 from the above association.

The following is a statement of "The Fire Department Pension Fund and Relief Association:—"

STATEMENT.

CASH ON HAND APRIL 1st, 1886.		$10,145 35
Receipts from April 1st 1886, to April 1st, 1887—		
Initiation fees	$ 60 00	
Dues of members	2,010 00	
Fines " "	230 00	
Dues of honorary members	15 00	
Donations	1,793 00	
Honorary members	475 00	
Cisterns and cellars filled and pumped	432 00	
Certificates	84 00	
Ball tickets sold	9,558 00	
Interests on deposits	327 55	14,984 55
		25,129 90
Expenses—		
Miscellaneous	700 98	
Jno. Fitzsimmons, death benefit	1,000 00	
Jos. Schemper, " "	1,000 00	
Expenses attending funeral	25 00	
Abm. Shockey, death benefit	1,000 00	
T. J. Sexton compromise in lieu of pension	500 00	
Expense of 2d Annual Ball	512 60	4,738 58
		$20,391 32
Henry Whitman death benefit due but not paid		1,000 00
Balance		$19,391 32

This balance is on deposit at the Fifth National Bank bearing interest at the rate of 3 1-4 per cent per annum. I would most urgently recommend that the necessary legislation be had, locating and equipping of a Steam Fire Engine Company in the vicinity of Madison and Second Streets. In the territory surrounding are some of the largest wood working manufactories, foundries, lumber yards, etc., without the necessary fire protection; this requires immediate attention.

I would (as in my last report) recommend the locating of a hook and ladder apparatus and a steam or chemical engine company in the vicinity of Seventeenth Street and Washington Ave.; the nearest hook and ladder apparatus to that locality is more than a mile distant, and beside the schools, hospitals, etc., it is the most numerously populated part of the city, especially *tenements*, where half a dozen or more families occupy the same building, with but poor facilities for egress in case of fires, which renders it necessary that a hook and ladder apparatus and engine company be located in that vicinity.

The Municipal Assembly at its last session appropriated $800 for the purchase of a lot of ground on the Manchester road between Pacific crossing and Chouteau Ave. I would recommend that the necessary appropriation be made to erect a house and equip the same with an engine company.

In closing this report we beg leave to return our sincere thanks to the Executive, the Municipal Assembly and the financial officers of the city, for the very liberal manner in which they have responded to the necessary requirements of this department; also to the Fire and Police Telegraph Department for the prompt and accurate manner in giving alarms of fire; to the Police Department for efficient service rendered this department at fires; to the salvage corps for

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prompt and efficient services in protecting property, and to the officers and members of this department for the faithful and ready manner they discharged their duties.

Very respectfully submitted,

JOHN LINDSAY,
Chief of Fire Department.

GEO. W. TENNILLE, *Secretary.*

BUILDING ACCOUNT.

		Dr.
April, 1886.	To Jno. Quinn, for plumbing	$11 17
	Jno. Spuck, for repairing stalls, etc	30 09
May.	Simmons Hardware Co., for saws, nails, hinges, etc..	40 40
	D. W. Jelly, for whitening engine houses	102 50
	Eau Claire Lumber Co., for lumber	8 77
	J. J. Ganahl Lumber Co., for lumber	424 03
	J. E. Bonecum, for repairing gutters, spouts, etc....	75 65
	J. Quinn, for plumbing	106 85
	C. H. McMahan, for plumbing	2 40
	Laux & Poertner, repairing bell tower	8 20
	J. Spuck, for repairing stalls, etc	32 70
June.	Simmons Hardware Co., for nails	19 40
	Richardson Drug Co., paints, oils and brushes	318 80
	G. Schwind, for whitening engine houses	42 50
	G. Schroll, for " " "	39 00
	P. Frankenbach, " " "	32 00
	D. W. Jelly, " " "	29 00
	F. A. Kensteiner, for nails	2 70
	J. W. O'Connell, for painting engine houses	275 05
	J. E. Bonecum, guttering and spouting	25 64
	O'Connor & Harder, for roofing and painting engine house	100 65
	J. M. Sellers, for roofing	95 08
	P. McGrath, plastering engine house	207 78
	J. Quinn, for plumbing	297 00
	J. R. Scott, for rent	22 50
	Cole & Glass, for lumber	11 50
	J. J. Ganahl Lumber Co., for lumber	499 18
	Eau Claire " " "	89 70
	J. Spuck, repairing gas regulators and drop chains	44 03
July.	L. Grund, for brick, lime, sand and cement	104 00
	J. J. Ganahl Lumber Co., for lumber	86 25
	C. T. Bonsack, " " " "	150 00
	St. Louis Refrigerator & Wood Gut. Co., for lumber	125 66
	J. Quinn, for plumbing	31 00
	J. E. Bonecum, for ventilators and guttering	68 70
	Richardson Drug Co., for paints, oils and brushes..	72 85
	M. Quinn, for whitening engine houses	52 00
	O'Connor & Harder, for thimbles and flanges	1 50
	Glenny Bros., Glass Co., for glazing	3
	Missouri Tent and Awning Co., for 3 awnings	9 00
	Simmons Hardware Co., for screws, hinges and locks	5 24
	J. F. Mohan, for lettering engine house	3 90
	Odorless Excavating Co., for cleaning vault	22 50
	A. Schwind, for whitening engine houses	10 00
	J. Spuck, for drop chains, stalls, etc.,	515 17
August.	Richardson Drug Co., for paints, oils, etc.,	114 30
	J. J. Ganahl Lumber Co., for lumber	401 08
	Eau Claire " " "	24 30
	Laclede Fire Brick Co., for clay piping	1 95
	J. Quinn, for plumbing	38 25
	J. E. Bonecum, for repairing roof, stalls and gutters	33 86

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	Eau Claire Lumber Co., for lumber	303 49
	J. R. Scott, for rent	22 50
	Hy. Shaw, for rent	42 50
	J. M. Sellers, for roofing	87 00
	Richardson Drug Co., for paints and oils	99 96
	Pullis Bros., for iron feed troughs and gutters	113 00
	Thorn & Hunkins, for cement	1 40
September.	J. Quinn, for plumbing	94 95
	J. E. Bonecum, for guttering and iron for stalls, etc.	18 37
	J. J. Ganahl Lumber Co., for lumber	33 36
	Eau Claire " " "	22 43
	W. Stranka, for paving platform	78 C0
	Platt & Thornburg Paint & Glass Co., for glass, etc.	14 67
	J. Spuck, for materials and work on engine houses.	455 03
October.	Phœnix Planing Mill, for materials and work on engine houses	219 44
	Eau Claire Lumber Co., for lumber,	27 15
	Kerr & Allen, for nails, sand and lime	32 30
	Pullis Bros., for iron pipe	3 50
	O'Neil Lumber Co., for lumber	49 60
	Simmons Hardware Co., for sundries	16 00
	Richardson Drug Co., for paints and oils	46 45
	Kupferle Bros. Heating Apparatus Co., for heating apparatus in engine house	750 00
	J. J. Ganahl Lumber Co., for lumber	123 88
	J. Quinn, for plumbing	32 80
	J. M. Sellers, for roofing	94 30
	Kupferle Bros. Mfg. Co., for water pipes	64 31
	J. E. Bonecum, for materials and work	55 50
November.	J. R. Scott, for rent	22 50
	Glenny Bros. Glass Co., for glazing	64 88
	J. H. Killoran, for plumbing	8 50
	J. E. Bonecum, for repairing heater, stalls & gutters.	69 07
	J. Quinn, for plumbing	66 05
	Jno. Spuck, for chain droppers, coal bin, etc.	275 12
December.	J. E. Bonecum, for repairing roof	5 10
	Shapleigh-Cantwell Hardware Co., for nails	9 65
	C. W. Barstow, for paints, etc	26 80
	Eau Claire Lumber Co., for lumber	70 21
	J. J. Ganahl, " " "	46 20
	P. Gruner Bros. " "	181 19
	B. Mohan, for sand and cement	5 75
	J. Quinn, for plumbing	19 19
	Western Carriage Mfg. Co., for rep'g sliding poles	6 45
January, 1887.	J. Quinn, for plumbing	47 25
	J. Spuck, for rep'g drop-chains, post, etc	236 00
February.	J. M. Sellers, for roofing	20 00
	J. Quinn, for plumbing	85 05
March.	" " "	44 05
	" " sewering	65 00
	J. R. Scott, for rent	22 50
	Hy. Shaw, "	42 50
	J. W. O'Connell, for glazing	45
	Simmons Hardware Co., for nails	10 75
	J. Spuck, for repairing, etc	84 90
		9,310 63

DAMAGE ACCOUNT.

		Dr.
April, 1886.	To M. J. Edwards, for damage to awning	$ 6 00
888	D. Bauer, " " building	24 75
August.	Ganahl, Schellert & Co., for damage to sign	10 00
September.	J. J. McBride, for damage to buggy & horse	20 80
Total		$ 61 56

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ENGINE REPAIRING ACCOUNT.

ENGINE NO. 1.

June, 1886.	To F. Yeakel Carriage Co.,	for repairing.....		$ 75
July.	St. Louis Railway Supply Mfg. Co.,	"		2 75
	Kupferle Bros. Mfg. Co.,	"		1 50
	Smith, Beggs & Rankin Mch. Co.,	"		59 15
August.	" " " "	"		21 08
	P. J. Cooney,	"		95 80
December.	Smith, Beggs & Rankin Mch. Co.,	"		20 80
	Ahrens Mfg. Co.,	"		85 77
January, 1887.	Western Carriage Mfg. Co.,	"		1 75
February.	Kupferle Bros. Mfg. Co.,	"		4 25
March.	" " "	"		32 86
	Western Carriage Mfg. Co.,	"		1 50
				$327 91

ENGINE NO. 2.

May, 1886.	To Smith, Beggs & Rankin Mch. Co.,	for repairing.....		$30 41
June.	" " " "	"		12 15
July.	Kupferle Bros. Mfg. Co.,	"		1 50
August.	Smith, Beggs & Rankin Mch. Co.,	"		16 25
October.	" " " "	"		2 48
	Kupferle Bros. Mfg. Co.,	"		06
January. 1887.	" " "	"		27
				$63 12

ENGINE NO. 3.

June, 1886.	To Smith, Beggs & Rankin Mch. Co.,	for repairing.....		$24 88
	F. Yeakel Carriage Co.,	"		21 00
	J. E. Bonecum,	"		20 70
	Kupferle Bros. Mfg. Co.,	"		48 81
July.	" " "	"		61 85
August.	" " "	"		2 55
December.	" " "	"		60
January, 1887	" " "	"		1 75
March.	Western Carriage Mfg. Co.,	"		4 25
				$185 84

ENGINE NO. 4.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$2 10
	Smith, Beggs & Rankin Mfg. Co.,	"		1 00
	J. Spuck,	"		1 75
May.	P. J. Cooney,	"		19 75
	Kupferle Bros. Mfg. Co.,	"		11 33
June.	J. F. Wangler,	"		8 25
	Smith, Beggs & Rankin Mfg. Co.,	"		37 63
	J. E. Bonecum,	"		1 25
July.	J. F. Wangler,	"		30 55
	J. E. Bonecum,	"		2 75
	Kupferle Bros. Mfg. Co.,	"		8 21
	P. J. Cooney,	"		23 75
August.	" "	"		15 50
	Kupferle Bros Mfg. Co.,	"		28 72
September.	" " " "	"		2 80
	Smith, Beggs & Rankin Mfg. Co.,	"		2 25
	J. Spuck,	"		50
November.	" "	"		65
	P. J. Cooney,	"		16 50
December.	Kupferle Mfg. Co.,	"		44 00
	J. F. Wangler,	"		11 10

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January, 1887,	Kupferle Bros. Co.,	for repairing.....	2 00
February.	P. J. Cooney,	"	3 50
March.	" "	"	26 30
	Kupferle Bros. Mfg. Co.,	"	1 20
			$279 84

ENGINE NO. 5.

April, 1886,	To St. Louis Ry. Supply Mfg. Co., for repairing	.....	$4 50
	Smith, Beggs & Rankin Mfg. Co.,	"	38 75
	Kupferle Bros. Mfg. Co.,	"	45 85
	P. J. Cooney,	"	6 50
June.	" "	"	75
July.	Smith, Beggs & Rankin, Mfg. Co.,	"	42 45
	J. Spuck,	"	2 75
	Kupferle Bros. Mch. Co.,	"	16 40
August.	" " " "	"	24 50
	Ahrens Mfg. Co.,	"	359 40
September.	J. Spuck,	"	1 00
	Smith, Beggs & Rankin, Mfg. Co.,	"	7 15
December.	" " " " " "	"	44 25
March.	Kupferle Bros. Mfg. Co.,	"	9 14
			$583 39

ENGINE NO. 6.

April, 1886.	To P. J. Cooney,	for repairing.....	$6 50
	Kupferle Bros. Mfg. Co.,	"	4 55
	Smith, Beggs & Rankin Mch. Co.,	"	5 65
May.	Kupferle Bros. Mfg. Co.,	"	1 95
June.	" " " "	"	2 00
	P. J. Cooney,	"	16 20
July.	" "	"	3 00
	Kupferle Bros. Mfg. Co.,	"	1 50
September.	" " "	"	2 62
October.	" " "	"	1 70
November.	" " "	"	59 33
	P. J. Cooney,	"	5 50
December.	Smith, Beggs & Rankin Mch. Co.,	"	18 70
	Kupferle Bros. Mfg. Co.,	"	20
January, 1887.	" " "	"	6 22
	Smith, Beggs & Rankin Mfg. Co.,	"	20 50
	Kupferle Bros. Mfg. Co.,	"	1 25
March.	P. J. Cooney,	"	15 00
	Smith, Beggs & Rankin Mch. Co.,	"	3 60
			$175 97

ENGINE NO. 7.

April, 1886.	F. Yeakel Carriage Co.,	for repairing.....	$2 50
June.	" " "	"	2 00
	Kupferle Bros. Mfg. Co.,	"	26 40
	J. E. Bonecum,	"	8 75
	Smith, Beggs & Rankin Mch. Co.,	"	30 18
July.	" " " "	"	14 15
	J. E. Bonecum	"	25
	Kupferle Bros. Mfg. Co.,	"	2 75
August.	Smith, Beggs & Rankin Mch. Co.,	"	48 45
September.	Ahrens Mfg. Co.,	"	13 95
	F. Yeakel Carriage Co.,	"	10 00
	Kupferle Bros. Mfg. Co.,	"	20 95
October.	" " "	"	4 00
November.	" " "	"	17 49
	F. Yeakel Carriage Co.,	"	2 00
January, 1887.	" " "	"	17 10

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February.	Ahrens Mfg. Co.,	for repairing.....	12 25
	Kupferle Bros. Mfg. Co.,	"	20
March.	" " "	"	1 00
			$ 234 37

ENGINE NO. 8.

April, 1886.	F. Stewart,	for repairing.....	$1 00
May.	" "	"	1 50
	Kupferle Bros. Mfg. Co.,	"	4 43
	P. J. Cooney,	"	14 05
June.	F. Stewart	"	2 00
July.	Smith, Beggs & Rankin Mch. Co.,	"	85
	Kupferle Bros. Mfg. Co.,	"	3 66
September.	Smith, Beggs & Rankin Mch. Co.,	"	5 40
	F. Yeakel Carriage Co.,	"	105 00
October.	Smith, Beggs & Rankin Mch. Co.,	"	19 00
	P. J. Cooney	"	67 80
November.	" "	"	3 00
December.	" "	"	1 00
January, 1887.	W. Eves	"	2 00
			$230 69

ENGINE NO. 9.

May, 1886.	To P. J. Cooney,	for repairing.....	$6 25
June.	" "	"	1 25
July.	Smith, Beggs & Rankin Mch. Co.,	"	6 30
	Kupferle Bros. Mfg. Co.,	"	2 50
August.	" " "	"	30
	P. J. Cooney	"	1 00
September.	" "	"	3 00
	Smith, Beggs & Rankin Mch. Co.,	"	14 10
October.	" " "	"	4 50
November.	Kupferle Bros. Mfg. Co,,	"	1 15
December.	" " "	"	2 55
January, 1887.	" " "	"	35
	P. J. Cooney,	"	33 00
February.	Kupferle Bros. Mfg. Co.,	"	2 25
March.	" " "	"	50
	P. J. Cooney,	"	7 00
	Smith, Beggs & Rankin Mch. Co.,	"	33 00
			$119 30

ENGINE NO. 10.

April, 1886.	To J. Spuck,	for repairing.....	$1 75
May.	P. J. Cooney,	"	5 00
June.	J. E. Bonecum,	"	8 50
	Smith, Beggs & Rankin Mch. Co.,	"	6 75
July.	F. Yeakel Carriage Co.,	"	18 00
	Kupferle Bros. Mfg. Co.,	"	31 41
August.	Smith, Beggs & Rankin Mch. Co.,	"	75
September.	Kupferle Bros. Mfg. Co.,	"	3 55
October.	" " "	"	45
	Smith, Beggs & Rankin Mch. Co.,	"	10 50
November.	Kupferle Bros. Mfg. Co.,	"	27 90
December.	" " "	"	85
	Ahrens Mfg. Co.,	"	85 77
January, 1887.	Kupferle Bros. Mfg. Co.,	"	13 81
	P. J. Cooney,	"	88 30
February.	"	"	35 25
March.	"	"	28 80
	Smith, Beggs & Rankin Mch. Co..	"	11 10
	J. Spuck	"	50
	Kupferle Bros. Mfg. Co.,	"	1 00
			$379 94

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ENGINE NO. 11.

June, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$5 00
	Smith, Beggs & Rankin Mch. Co.,	"		2 25
July.	Kupferle Bros. Mfg. Co.,	"		1 50
January, 1887.	" " "	"		95
March.	Western Carriage Mfg. Co.,	"		42 90
				$52 60

ENGINE NO. 12.

April, 1886.	To J. Spuck,	for repairing.....		$1 00
May.	Kupferle Bros. Mfg. Co.,	"		10 85
June.	" " "	"		8 50
	Smith, Beggs & Rankin Mch. Co.,	"		1 80
July.	Ahrens Mfg. Co.,	"		23 50
	Kupferle Bros. Mfg. Co.,	"		2 60
August.	" " "	"		98
September.	" " "	"		20 78
	J. Spuck,	"		60
	P. J. Cooney,	"		2 15
November.	Kupferle Bros. Mfg. Co.,	"		5 85
December.	" " "	"		20 83
	J. Spuck,	"		3 25
January, 1887.	Kupferle Bros. Mfg. Co.,	"		2 40
	P. J. Cooney,	"		31 00
February.	J. Spuck,	"		1 50
	Kupferle Bros. Mfg. Co.,	"		70
March.	" " "	"		1 18
				$139 47

ENGINE NO. 18.

April, 1886.	To P J. Cooney,	for repairing.....		$25 00
	Kupferle Bros. Mfg. Co.,	"		34 15
	Smith, Beggs & Rankin Mch. Co.	"		28 45
	J. Spuck,	"		5 55
May.	Kupferle Bros. Mfg. Co.,	"		1 20
June.	" " " "	"		10 60
July.	" " " "	"		1 50
August.	" " " "	"		1 20
	J. Spuck,	"		1 75
September.	Kupferle Bros. Mfg. Co.,	"		30
October.	" " " "	"		3 00
November.	Ahrens Mfg. Co.,	"		106 45
	J. Spuck,	"		2 00
	P. J. Cooney,	"		72 90
December.	J. Spuck,	"		50
	Smith, Beggs & Rankin Mch. Co.,	"		7 50
January, 1887.	J. Spuck,	"		2 25
	Kupferle Bros. Mfg. Co.,	"		2 00
February.	J. Spuck,	"		5 55
	P. J. Cooney,	"		26 65
March.	" " "	"		3 50
	Kupferle Bros. Mfg. Co.,	"		60
Total.....				$341 60

ENGINE NO. 14.

April, 1886.	To P. J. Cooney,	for repairing.....		$160 60
May.	Kupferle Bros. Mfg. Co.,	"		40
June.	" " " "	"		60
July.	" " " "	"		5 15

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September.	To Kupferle Bros. Mfg. Co.,	for repairing.....		3 50
October.	" " " "	"		1 80
	J. Yeakel Carriage Co.,	"		18 65
January, 1887.	Kupferle Bros. Mfg. Co.,	"		4 41
March.	Smith, Beggs & Rankin Mch. Co.,	"		38 40
Total.....				$232 91

ENGINE NO. 15.

April, 1886.	To J. Yeakel Carriage Co.,	for repairing.....		$1 50
	Kupferle Bros. Mfg. Co.,	"		1 62
May.	" " " "	"		75
	F. Yeakel Carriage Co.,	"		1 20
	Smith, Beggs & Rankin Mch. Co.,	"		1 80
	J. E. Bonecum,	"		65
June.	" " "	"		25
	Kupferle Bros. Mfg. Co.,	"		26
	Smith, Beggs & Rankin Mch. Co.,	"		4 25
July.	" " " "	"		14 45
	F. Yeakel Carriage Co.,	"		1 00
	J. E. Bonecum,	"		1 00
	Kupferle Bros. Mfg. Co.,	"		42 10
September.	" " "	"		2 58
	Smith, Beggs & Rankin Mch. Co.,	"		2 93
October.	Kupferle Bros. Mfg. Co.,	"		90
November.	" " "	"		1 75
	F. Yeakel Carriage Co.,	"		40
December.	Smith, Beggs & Rankin Mch. Co.,	"		05
	Kupferle Bros. Mfg. Co.,	"		6 23
	Western Carriage Mfg. Co.,	"		90 0
January, 1887.	Kupferle Bros. Mfg. Co.,	"		90
	F. Yeakel Carriage Co.,	"		2 00
February.	" " "	"		20 50
	P. J. Cooney,	"		8 60
	Kupferle Bros. Mfg. Co.,	"		1 41
March.	" " "	"		1 25
Total.....				$129 33

ENGINE NO. 16.

May, 1886.	To F. Yeakel Carriage Co.,	for repairing.....		$2 05
June.	" " " "	"		1 10
	Kupferle Bros. Mfg. Co.,	"		1 75
July.	" " " "	"		7 35
	J. E. Bonecum,	"		3 50
	Smith, Beggs & Rankin Mch. Co.,	"		59 17
August.	F. Yeakel Carriage Co.,	"		6 40
	Kupferle Bros. Mfg. Co.,	"		9 55
October.	" " " "	"		05
	F. Yeakel Carriage Co.,	"		80
November.	" " "	"		1 85
	Kupferle Bros. Mfg. Co.,	"		3 70
December.	" " " "	"		58 30
	Smith, Beggs & Rankin Mch. Co.,	"		36 58
	Western Carriage Mfg. Co.,	"		5 70
	F. Yeakel Carriage Co.,	"		40
January, 1887.	" " "	"		10 40
	Kupferle Bros. Mfg. Co.,	"		2 50
February.	F. Yeakel Carriage Co.,	"		1 20
	Ahrens Mfg. Co.,	"		10 35
March.	Kupferle Bros. Mfg. Co.,	"		1 35
				$224 05

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ENGINE NO. 17.

May, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$1 15
July.	" " " "	"		5 50
	P. J. Cooney,	"		2 50
	Smith, Beggs & Rankin Mch. Co.,	"		89 18
August.	" " " "	"		53 78
	Kupferle Bros. Mfg. Co.,	"		74 23
September.	" " " "	"		32 16
	Smith, Beggs & Rankin Mch. Co.,	"		19 90
October.	" " " " "	"		4 65
December.	" " " " "	"		51 05
	Kupferle Bros. Mfg. Co.,	"		2 10
January, 1887.	" " "	"		32
February.	Ahrens Mfg. Co.,	"		10 35
	P. J. Cooney,	"		9 00
March.	"	"		1 75
	Kupferle Bros. Mfg. Co.,	"		6 20
				$363 82

ENGINE NO. 18.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$ 50
	J. Spuck,	"		1 35
May.	Kupferle Bros. Mfg. Co.,	"		2 50
	J. E. Bonecum,	"		12 00
	P. J. Cooney,	"		50
June.	St. Louis Railway Mfg. Co.,	"		4 00
	J. Spuck,	"		50
	F. Yeakel Carriage Co.,	"		1 00
	Kupferle Bros. Mfg. Co.,	"		2 66
July.	" " "	"		14 40
	Smith, Beggs & Rankin Mch. Co.,	"		22 65
August.	J. Spuck,	"		5 75
	Kupferle Bros. Mfg. Co.,	"		29
September.	" " "	"		3 74
October.	" " "	"		51 70
November.	" " "	"		08
	P. J. Cooney,	"		8 30
December.	" "	"		8 30
	Kupferle Bros. Mfg. Co.,	"		4 00
January, 1887.	" " "	"		3 55
	P. J. Cooney,	"		12 80
February.	Kupferle Bros. Mfg. Co.,	"		12 64
March.	" " "	"		3 41
				$176 62

ENGINE NO. 19.

April, 1886.	To Smith, Beggs & Rankin Mch. Co.,	for repairing.....		$10 93
July.	J. E. Bonecum,	"		1 50
	Kupferle Bros. Mfg. Co.,	"		7 86
September.	Smith, Beggs & Rankin Mch. Co.,	"		3 20
October.	Kupferle Bros. Mfg. Co.,	"		4 35
November.	" " "	"		75
February, 1887.	P. J. Cooney,	"		2 50
				$31 09

ENGINE NO. 20.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$ 15
July.	" " "	"		1 50
October.	" " "	"		45
November.	" " "	"		1 64

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December.	To Kupferle Bros. Mfg. Co.,	for repairing.....		9 95
	Ahrens Mfg. Co.,	"		94 62
January, 1887.	Kupferle Bros. Mfg. Co.	"		1 57
March.	" " "	"		1 30
				$111 18

ENGINE NO. 21.

May, 1886.	To J. E. Bonecum,	for repairing.....		24 00
May.	P. J. Cooney,	"		36 50
	Smith, Beggs & Rankin Mch. Co.,	"		181 52
June.	P. J. Cooney,	"		88 25
	Kupferle Bros. Mfg. Co.,	"		2 75
July.	" " "	"		75
	Smith, Beggs & Rankin Mch. Co.,	"		1 50
October.	Kupferle Bros. Mfg. Co.,	"		35
December.	F. Yeakel Carriage Co.,	"		1 20
January, 1887.	" " "	"		3 50
February.	P. J. Cooney,	"		2 50
	Kupferle Bros. Mfg. Co.,	"		6 25
				$249 07

ENGINE NO. 22.

April, 1886.	To Smith, Beggs & Rankin Mch. Co.,	for repairing.....		$58 58
	Kupferle Bros. Mfg. Co.,	"		4 98
	P. J. Cooney,	"		28 10
May.	" "	"		3 50
	F. Yeakel Carriage Co.,	"		1 00
	J. E. Bonecum,	"		25
June.	" "	"		85
	Kupferle Bros. Mfg. Co.,	"		1 10
	Smith, Beggs & Rankin Mch. Co.	"		50 25
July.	P. J. Cooney,	"		7 25
August.	Kupferle Bros. Mfg. Co.,	"		2 00
	F. Yeakel Carriage Co.,	"		12 75
October.	" " "	"		4 80
November.	Kupferle Bros. Mfg. Co.,	"		70
December.	" " "	"		4 35
	F. Yeakel Carriage Co.,	"		90
January, 1887.	" " "	"		11 20
	Smith, Beggs & Rankin Mch. Co.,	"		86 85
	Kupferle Bros. Mfg. Co.,	"		1 20
February.	" " "	"		3 50
	Ahrens Mfg. Co.,	"		11 35
	F. Yeakel Carriage Co.,	"		15 50
March.	Kupferle Bros. Mfg. Co.,	"		64
				$311 60

ENGINE NO. 23.

April, 1886.	To Kupferle Bros. Mfg. Co.	for repairing.....		$ 80
	P. J. Cooney	"		1 25
	Smith Beggs & Rankin Mch. Co.	"		19 20
May.	Kupferle Bros. Mfg. Co.	"		2 80
June.	" " "	"		3 85
August.	" " "	"		10 06
September.	" " "	"		66
October.	" " "	"		60
	Smith, Beggs & Rankin Mch. Co.	"		2 80
November	Kupferle Bros. Mfg. Co	"		6 75
December.	" " "	"		1 40
January, 1887.	" " "	"		4 65
February.	" " "	"		10 99
	P. J. Cooney	"		5 00

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March.	P. J. Cooney	for repairing.....		13 10
	Kupferle Bros.	"		4 99
	Smith, Beggs & Rankin Mch. Co.	"		48 85
				187 75

ENGINE NO. 24.

April. 1886.	To Kupferle Bros. Mfg. Co.	for repairing.....	$	1 70
May.	" " "	"		09
August.	" " "	"		1 35
October.	" " "	"		55 66
	P. J. Cooney	"		2 50
	F. Yeakel Carriage Co.	"		3 75
November.	Kupferle Bros. Mfg. Co.	"		75
January, 1887.	" " "	"		5 31
February.	" " "	"		65
				$71 76

ENGINE NO. 25.

April, 1886.	To Kupferle Bros. Mfg. Co.	for repairing.....		15
May.	" " "	"		70
June.	" " "	"		1 10
July.	Smith, Beggs, Rankin Mch. Co.	"		44 56
September.	F. Yeakel Carriage Co.	"		25 75
January, 1887.	Kupferle Bros. Mfg. Co.	"		50
March.	" " "	"		62
				$73 38

EXTRA ENGINE NO. 1.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....	$	25
May.	Smith, Beggs & Rankin Mch. Co.,	"		2 25
November.	P. J. Cooney,	"		1 50
January, 1887.	F. Yeakel Carriage Co.,	"		2 50
	Smith, Beggs & Rankin Mch. Co.,	"		2 70
March.	" " "	"		6 05
				$15 25

EXTRA ENGINE NO. 2.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....	$	3 00
July.	Smith, Beggs & Rankin Mch. Co.,	"		75
August.	F. Yeakel Carriage Co.,	"		5 00
September.	Smith, Beggs & Rankin Mch. Co.,	"		90
December.	P. J. Cooney,	"		31 00
January, 1887.	Kupferle Bros. Mfg. Co.,	"		2 65
March.	" " "	"		4 15
				$47 45

CHEMICAL ENGINE NO. 1.

May, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....	$	44 25
	J. E. Bonecum,	"		1 25
	F. Yeakel Carriage Co.,	"		1 75
	Franklin Electric Work,	"		2 50
June.	F. Yeakel Carriage Co.,	"		2 50
August.	Kupferle Bros. Mfg. Co.,	"		1 30
September.	F. Yeakel Carriage Co.,	"		2 75
October.	" " "	"		32 50
	Kupferle Bros. Mfg. Co.,	"		10
November.	" " "	"		5 40
	F. Yeakel Carriage Co.,	"		3 50
December.	Kupferle Bros. Mfg. Co.,	"		60
January, 1887.	F. Yeakel Carriage Co.,	"		75
March.	" " "	"		50
				$99 65

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CHEMICAL ENGINE NO. 3.

April, 1886.	To F. Yeakel Carriage Co.,	for repairing.....		$7 20
	Kupferle Bros. Mfg. Co.,	"		5 45
July.	F. Yeakel Carriage Co.,	"		38 30
	Kupferle Bros. Mfg. Co.,	"		2 09
August.	" " "	"		1 75
September.	" " "	"		2 40
October.	" " "	"		1 35
	F. Yeakel Carriage Co.,	"		1 50
November.	Kupferle Bros. Mfg. Co.,	"		5 00
December.	F. Yeakel Carriage Co.,	"		2 65
January, 1887.	" " "	"		7 25
	Kupferle Bros. Mfg. Co.,	"		2 40
February.	" " "	"		90
				$78 24

CHEMICAL ENGINE NO. 4.

May, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		$6 50
June.	P. J. Cooney,	"		8 25
July.	Kupferle Bros. Mfg. Co.,	"		4 25
August.	" " "	"		1 75
November.	" " "	"		2 00
	Western Carriage Mfg. Co.,	"		6 90
December.	Kupferle Bros. Mfg. Co.,	"		25
February, 1887.	" " "	"		40
				$30 80

CHEMICAL ENGINE NO. 5.

May, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing.....		40
June.	" "	"		1 25
	P. J. Cooney,	"		15 00
July.	"	"		8 00
August.	"	"		8 50
October.	Kupferle Bros. Mfg. Co.,	"		3 20
November.	" " "	"		61
	P. J. Cooney,	"		7 50
January, 1887.	Kupferle Bros. Mfg. Co.,	"		1 35
February.	" " "	"		9 67
	P. J. Cooney,	"		5 50
March.	"	"		3 50
				$54 48

MATERIALS KEPT ON HAND (FOR REPAIRING ENGINES).

May, 1886.	To Smith, Beggs & Rankin Mch. Co.,	for materials.....		$15 30
July.	" " " "	"		85 60
	Ahrens Mfg. Co.,	"		37 85
	Kupferle Bros. Mfg. Co.,	"		36 33
September.	Smith, Beggs & Rankin Mch. Co.,	"		21 00
	Ahrens Mfg. Co.,	"		47 65
October.	" " "	"		85 65
	Smith, Beggs & Rankin Mch. Co.,	"		6 00
November.	Ahrens Mfg. Co.,	"		106 15
December.	Smith, Beggs & Rankin,	"		54 68
January, 1887.	Ahrens Mfg. Co.,	"		230 08
March.	" "	"		236 81
	F. Yeakel Carriage Co.,	"		149 00
				$1,112 10

RECAPITULATION.

Engine No.	1.....	$327 91
" "	2.....	68 12

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Engine No. 3	185 84
" " 4	297 81
" " 5	583 39
" " 6	175 97
" " 7	234 37
" " 8	230 69
" " 9	119 30
" " 10	379 94
" " 11	52 60
" " 12	139 47
" " 13	341 60
" " 14	232 91
" " 15	129 33
" " 16	224 05
" " 17	363 82
" " 18	176 62
" " 19	31 09
" " 20	101 18
" " 21	249 07
" " 22	311 60
" " 23	137 75
" " 24	71 76
" " 25	73 38
Extra Engine No. 1	15 25
" " " 2	47 45
Chemical Engine No. 1	99 65
" " " 3	78 24
" " " 4	30 30
" " " 5	54 48
Materials kept on hand for repairing engines	1,112 10
	$6,671 97

HOOK AND LADDER APPARATUS — REPAIRING ACCOUNT.

HOOK AND LADDER NO. 1.

April, 1886.	To F. Yeakel Carriage Co.,	for repairing	$1 20
May.	J. E. Bonecum,	"	50
June.	" "	"	3 60
	F. Yeakel Carriage Co.,	"	15 50
July.	" " "	"	42 85
November.	Western Carriage Mfg. Co.,	"	17 00
December.	" " "	"	3 00
	P. J. Cooney,	"	40 35
			$124 00

HOOK AND LADDER NO. 2.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing	$3 90
	J. Spuck,	"	15 50
May.	Kupferle Bros. Mfg. Co.,	"	3 20
	P. J. Cooney,	"	44 20
August.	J. Spuck,	"	1 75
	Kupferle Bros. Mfg. Co.,	"	1 35
September.	" " "	"	75
March, 1887.	P. J. Cooney,	"	1 50
			$72 15

HOOK AND LADDER NO. 3.

April, 1886.	To Kupferle Bros. Mfg. Co.,	for repairing	$ 10
May.	P. J. Cooney,	"	3 50
July.	" "	"	44 55
August.	" "	"	35 60
	Kupferle Bros. Mfg. Co.,	"	2 50

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September.	To Kupferle Bros. Mfg. Co.,	for repairing.....	1 55
	Ruetz & Bruder,	2 ladders.....	25 85
	P. J. Cooney,	for repairing.....	18 50
October.	" "	"	3 50
November.	J. Spuck,	"	75
	Kupferle Bros. Mfg. Co.,	"	90
December.	" " "	"	3 30
	J. Spuck,	"	2 65
January, 1887.	Kupferle Bros. Mfg. Co.,	"	1 25
February.	" " "	"	2 80
	J. Spuck,	"	11 00
	P. J. Cooney,	"	7 50
March.	" "	"	22 00
			$187 80

HOOK AND LADDER NO. 4.

April, 1886.	To F. Yeakel Carriage Co.,	for repairing.....	$1 50
May.	" " "	"	55 00
June.	J. E. Bonecum	"	50
July.	F. Yeakel Carriage Co.,	"	48 50
August.	" " "	"	22 60
September.	" " "	"	67 30
October.	" " "	"	3 00
November.	" " "	"	16 05
December.	" " "	"	101 00
January, 1887.	" " "	"	86 50
			$361 95

HOOK AND LADDER NO. 5.

May 1, 1886.	To F. Yeakel Carriage Co.,	for repairing.....	$49 00
	P. J. Cooney,	"	1 50
October.	" "	"	7 25
November.	F. Yeakel Carriage Co.,	"	50 50
February, 1887.	" " "	"	11 50
	J. Spuck,	"	21 75
	P. J. Cooney,	"	30 00
			$171 50

HOOK AND LADDER NO. 6.

April, 1886.	To F. Yeakel Carriage Co.,	for repairing.....	$5 50
	Kupferle Bros. Mfg. Co.,	"	3 45
June.	F. Yeakel Carriage Co.,	"	22 30
July.	Kupferle Bros. Mfg. Co.,	"	6 70
August.	" " "	"	1 20
September.	" " "	"	50
	P. J. Cooney,	"	3 50
October.	" "	"	3 50
November.	Kupferle Bros. Mfg. Co.,	"	5 38
December.	Smith, Beggs & Rankin Mch. Co.,	"	35 00
	P. J. Cooney,	"	3 00
January, 1887.	" "	"	2 50
	J. Spuck,	"	35 00
	Kupferle Bros. Mfg. Co.,	"	3 00
	Western Carriage Co.,	"	17 00
February.	Kupferle Bros. Mfg. Co.,	"	80
	P. J. Cooney,	"	7 00
March.	" "	"	5 50
	Western Carriage Mfg. Co.,	"	72 95
	J. Spuck,	"	10 00
			$248 78

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HOOK AND LADDER NO. 7.

April, 1886.	To P. J. Cooney,	for repairing.....		$13 40
June.	" "	"		22 75
July.	" "	"		75
August.	" "	"		13 20
December.	" "	"		7 00
March, 1887.	" "	"		71 40
				$128 50

HOOK AND LADDER APPARATUS — EXTRA NO. 1. REPAIRING ACCOUNT.

March.	To Western Carriage Mfg. Co., for repairing.....		$105 00

RECAPITULATION.

Hook & Ladder, No. 1.....			$124 00
" " " 2.....			72 15
" " " 3.....			187 80
" " " 4.....			361 95
" " " 5.....			171 50
" " " 6.....			243 78
" " " 7.....			128 50
Extra " " 1.....			105 00
			$1,394 63

NEW APPARATUS.

June, 1886.	To Fire Extinguisher Mfg. Co., for 2 Babcock Extinguishers		78 50
July.	P. J. Cooney, " 3 New Hose Carriages		1,945 00
January, 1887.	Fire Extinguisher Mfg. Co., " 1 " H. & L. Appr.		1,449 00
March.	P. J. Cooney, " 1 " Hose Carriage		650 00
	Ahrens Mfg. Co., " 2 Steam Fire Engines		9,300 00
			$13,422 50

HOSE CARRIAGE AND WAGONS — REPAIRING ACCOUNT.

DR.

April, 1886.	To R. Schlegel,	for repairing.....		$113 40
	P. J. Cooney,	"		379 20
	J. Spuck,	"		13 00
	F. Yeakel Carriage Co.,	"		110 50
May.	" " "	"		226 80
	Smith, Beggs & Rankin Mch. Co.,	"		55 00
	R. Schlegel,	"		97 85
	P. J. Cooney,	"		333 55
June.	" "	"		300 75
	F. Yeakel Carriage Co.,	"		315 95
	J. Spuck,	"		11 40
July.	"	"		2 60
	P. J. Cooney,	"		366 00
	F. Yeakel Carriage Co.,	"		106 85
August.	" " "	"		56 50
	P. J. Cooney,	"		252 40
	J. Spuck,	"		4 00
	L. C. Bohle,	"		1 75
	R. Schlegel,	"		67 85
September.	J. Spuck,	"		2 50
	P. J. Cooney,	"		225 75
	F. Yeakel Carriage Co.,	"		23 35
October.	" " "	"		73 20
	P. J. Cooney,	"		119 05

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November.	F. Yeakel Carriage Co.,	for repairing.....	45 15
	J. Spuck,	"	4 95
	P. J. Cooney,	"	124 50
	Western Carriage Mfg. Co.,	"	14 00
	R. Schlegel,	"	16 70
December.	J. Spuck,	"	4 80
	Western Carriage Mfg. Co.,	"	28 00
	F. Yeakel Carriage Co.,	"	18 00
	P. J. Cooney,	"	184 30
January, 1887.	" "	"	214 05
	F. Yeakel Carriage Co.,	"	116 10
	J. Spuck,	"	8 75
	Western Carriage Mfg. Co.	"	89 95
February.	R. Schlegel,	"	21 18
	J. Spuck,	"	1 25
	F. Yeakel Carriage Co.,	"	59 60
	P. J. Cooney,	"	236 65
March.	" "	"	468 75
	R. Schlegel,	"	1 60
	J. Spuck,	"	1 50
	F. Yeakel Carriage Co.,	"	202 95
Total.....			$5,066 93

FUEL ACCOUNT.

		Dr.
April, 1886.	To Weissenborn Coal Co., for 3½ cords hickory wood..	$29 75
	W. H. Brown & Sons, for 160 bus. Pittsburg coal..	35 35
	St. Louis Gas Light Co. for 1606 " " coke..	144 48
	A. J. Hazard, for 393 " Ills. coal.....	28 48
	Richardson Drug Co., for chemicals.....	54 81
May.	Weissenborn Coal Co., for 11½ cords hickory wood..	97 75
	St. Louis Gas Light Co., for 706 bus. Pittsburg Coke..	63 66
	Richardson Drug Co., for chemicals.....	34 72
June.	" " "	77 84
	H. W. Brown & Sons, for 369 bus. Pittsburg coal..	81 14
	St. Louis Gas Light Co., for 617 " " coke..	55 54
	L. H. Converse, for 12 cords cypress staves.....	80 00
July.	Richardson Drug Co., for chemicals.....	44 80
	A. J. Hazard, 6½ cords hickory wood.....	48 75
	St. Louis Gas Light Co. 3,437 bus. Pittsburg coke..	328 91
	Wissenborn Coal Co., for 1 cord hickory wood.....	8 50
August.	Richardson Drug Co., for chemicals.....	49 54
	W. Freudenan, for 352 bus. Pittsburg coal	70 48
	St. Louis Gas Light Co., for 558 bus. Pittsburg coke..	58 62
September.	" " " " 1526 " " " ..	152 57
October.	" " " " 1947 " " " ..	194 70
	Noonan & Foley, for 3,438 bus. Ills coal.....	238 87
	A. A. Mellier, for chemicals.....	87 41
November.	Meyer Bros & Co., for chemicals.....	100 27
	Noonan & Foley, for 2738 bus. Ills. coal.....	190 36
	W. Freudenan, for 701 bus Pittsburg coal.....	140 25
	St. Louis Gas Light Co., for 1,434 bus Pitts. coke..	143 37
December.	" " " for 3,011½ " " " ..	301 16
	W. Freudenan, for 884 bus. Pittsburg coal.....	176 71
	A. J. Hazard, for 9½ cords hickory wood.....	146 25
	Noonan and Foley, for 3,915 bus. Ills. coal.....	272 46
January, 1886.	" " " 4,098 " " "	284 79
	A. J. Hazard, for 15 cords hy wood.....	112 50
	L. H. Converse, for 8¾ cords cypress staves.....	58 82
	J. P. Heinrichs & Co., for 5,600 lbs. egg coal.....	21 00
	St. Louis Gas Light Co., for 3,079 bus. Pitts. coke..	307 86
	Richardson Drug Co., for chemicals.....	66 18
February.	" " " "	81 68

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	W. Freudenan, for 493 bus. Pittsburg coal	98 50
	St. Louis Gas Light Co., for 226 bus. Pittsburg coke	22 60
	Noonan and Foley, for 3,540 bus. Ills coal	246 13
March.	" " " 1,748 " " " "	121 47
	St. Louis Gas Light Co., for 4,567 bus. Pitts coke	416 85
	A. S. Hazard, for 15 cords hickory wood	112 50
		$5,452 32

FURNITURE ACCOUNT.

		Dr.
April, 1886.	To L. H. Steel, for repairing bedding	$21 80
May.	" " " "	32 05
	E. W. Hugunin, for repairing office clock	2 50
	Simmons Hardware Co., for three water coolers	6 00
	Verdier & Shockley, for cleaning carpet	6 28
June.	L. H. Steel, for repairing bedding	13 00
July.	Scarritt Furniture Co., for 8½ dozen chairs	73 50
	Penny & Gentles, for 125 white bed spreads	103 13
	E. M. Hugunin, for repairing clock	2 00
November.	L. H. Little, for repairing mattresses	13 46
	M. E. Athy, for making pillow slips and sheets	94 75
	E. W. Hugunin, for repairing clock	2 50
	W. Barr Dry Goods Co., for comforts and blankets	113 00
	Penny & Gentles, for 24 white spreads	19 80
	D. Crawford & Co., for 795 yards sheeting	111 37
	" " for 437 yards pillow slip muslin	49 16
December.	L. H. Steele, for renovating mattresses	3 59
January, 1887.	J. H. Crane, repairing bedsteads	15 50
	Smith, Beggs & Rankin Mch. Co., for rep'g. stoves	17 50
	L. H. Stehle, for repairing bedding	23 25
March.	J. H. Crane, for beds and chairs	54 90
		$778 54

HOSE ACCOUNT.

		Dr.
May, 1886.	To Kupferle Bros. Mfg. Co., for repairing	$34 05
June.	" " " for couplings, etc	79 10
July.	" " " for " and bands	28 00
August.	Peerless Mfg. Co., for 80 feet 4-inch suctions	280 80
	Kupferle Bros. Mfg. Co., for couplings, rings, etc	29 55
September.	" " " " " "	82 15
October.	" " " " " "	6 25
November.	Zettlosen, for repairing suctions	7 50
	Fabric Fire Hose Co., for 250 feet 2½ in. unique hose	212 50
	Kupferle Bros. Mfg. Co. for materials for repairing	76 90
December.	Eureka Fire Hose Co., for 3 nozzles	44 50
	American Gauge Co., for 3 "	58 90
	J. Lindsay, for freight on suction	2 49
	The Gutta P. & R. Co., for 5,000 ft. 2½ M. T. C. hose	5,250 00
	Simmons Hw. Co., for 500 feet 1-inch rubber hose	60 00
	Kupferle Bros. Mfg. Co., for rings, sleeves, etc	90 86
January, 1887.	Simmons Hw. Co., for 3,000 feet 2½ in. Excels hose	2,317 50
	" " for 800 feet 1 in. " "	280 00
	Todd & Stanley Mill Fur. Co., for 42 feet 4 in. suctions	150 00
	Kupferle Bros. Mfg. Co., for couplings, sleeves, etc.	57 20
February.	" " " " " " "	48 05
March.	B. F. Bache, for 1 cellar pipe	40 00
	Kupferle Bros. Mfg. Co., for 60 sitts couplings	120 00
	" " " for washers, rings and exp.	46 40
		$9,486 80

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HORSE ACCOUNT.

			Dr.
May, 1886.	To	Maxwell Bros.....for 4 horses.....	$930 00
July.		" " .....for 2 horses.....	450 00
		Reilley & Wolfort..for 1 horse.....	225 00
September.		Maxwell Bros.....for 3 horses.....	650 00
October.		" " .....for 1 horse.....	250 00
November.		" " .....for 2 horses.....	460 00
January, 1887.		" " .....for 4 horses.....	950 00
		Reilley & Wolfort...for 4 horses.....	900 00
February.		" " ...for 2 horses	475 00
		Thos. Maxwell.....for 2 horses.....	510 00
		P. Griffin.....for 1 horse.....	225 00
March.		Maxwell Bros.....for 2 horses.....	475 00
			$6,500 00

28 horses sold.
2 " died.
1 " killed by engine of the Missouri Pacific Railroad.

HORSE FEED ACCOUNT.

			Dr.
April, 1886.	To	H. H. Lippleman, for 105,880 lbs. hay.....	$719 98
		H. W. Beck, for 1,750 bus. oats.....	597 40
		C. H. Meyer, for 10,530 lbs. bran.....	72 66
		" for 10,380 lbs. straw.....	62 28
May.		" for 13,360 lbs. straw.....	80 16
		" for 10,165 lbs. bran.....	70 14
		M. Dougherty, for 4 bbls. salt.....	5 60
		W. H. Beck, for 1,801 bus. oats.....	614 78
		H. H. Lippleman, for 59,750 lbs. of hay.....	406 30
June.		C. H. Meyer, for 13,060 lbs. straw.....	78 36
		" for 10,890 lbs. bran.....	75 14
		Maxwell Bros., for pasturing.....	11 33
		H. W. Beck, for 1,920 bus. oats.....	655 52
		H. H. Lippleman, for 86,220 lbs. hay.....	585 61
July.		C. H. Meyer, for 54,820 lbs. hay.....	326 18
		H. W. Beck, for 1,733 bus. oats.....	506 75
		" for 6,500 lbs. bran.....	34 78
		E. H. Brinkmeyer, for 9,920 lbs. straw.....	39 18
		Richardson Drug Co., for 788 lbs. ground flaxseed..	27 50
August.		" " " for 826 lbs. ground flaxseed...	30 00
		E. H. Brinkmeyer, for 11,680 lbs. straw.....	46 14
		W. H. Beck, for 10,060 lbs. bran.....	53 82
		" for 1,624 bus. oats.....	475 22
		C. H. Meyer, for 94,930 lbs. hay.....	564 83
		Henry Bruck, for 4 bbls. salt.....	5 00
		S. W. Forder's estate, for pasturing horses.....	9 00
September.		C. H. Meyer, for 59,630 lbs. hay.....	354 80
		H. W. Beck, for 7,875 lbs. bran.....	42 13
		" for 1,648 bus. oats.....	482 07
		E. H. Brinkmeyer, for 9,010 lbs. straw.....	35 58
October.		H. W. Beck, for 1,729 bus. oats.....	527 55
		" for 10,500 lbs. bran.....	66 15
		C. H. Meyer, for 10,840 lbs. straw.....	40 65
		" for 104,085 lbs. hay.....	663 54
November.		" for 80,640 lbs. hay.....	514 08
		" for 11,800 lbs. straw.....	44 25
		Whitelaw Bros. for 915 lbs. ground flaxseed.....	26 53
		H. W. Beck, for 1,866 bus. oats.....	569 30
		" for 11,855 lbs. bran.....	74 68
December.		" for 10,500 lbs. bran.....	66 15
		" for 1,849 bus. oats.....	561 10

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	C. H. Meyer, for 88,060 lbs. hay	561 38
	" for 11,670 lbs. straw	43 48
January, 1887.	J. D. Street & Co., for 4 bbls. salt	5 00
	H. H. Lippleman, for 10,310 lbs. straw	42 27
	S. J. Quinlivan & Son, for 12,360 lbs. bran	92 70
	H. D. Barry & Co., for 88,460 lbs. hay	561 72
	H. W. Beck, for 2,061 bus. oats	690 62
	H. W. Beck, for 1,894 bus oats	634 61
	H. H. Lippleman, for 11,820 lbs. straw	48 46
	S. J. Quinlivan, for 11,360 lbs. bran	85 20
	H. D. Barry, for 79,840 lbs. hay	506 98
	J. O. Clark, for pasturing horses	9 00
March.	H. W. Beck, for 1,900 bus. oats	636 39
	S. J. Quinlivan & Son, for 8,310 lbs. bran	62 32
	H. H. Lippleman, for 14,690 lbs. straw	60 22
	" " " 11,520 " "	48 38
	H. W. Beck, for 2,161 bus. oats	722 91
	S. J. Quinlivan & Son, for 1,070 lbs. bran	75 25
	H. D. Barry & Co., for 96,440 lbs. hay	612 39
	M. Dougherty, for 4 bbls. salt	5 60
	Richardson Drug Co., for 887 lbs. ground flax seed	31 04
	J. Corey, for keeping horses on farm	50 40
		$15,799 54

HORSE SHOEING ACCOUNT.

			Dr.
April, 1886.	To J. Myers,	for shoeing horses	$37 00
	J. F. Albessar,	" "	9 40
	J. Lynch,	" "	25 25
	J. Kirby,	" "	8 00
	Grace Bros. Horse Shoeing Co	" "	8 50
	J. Cowhey,	" "	13 50
	W. Willis,	" "	48 75
	T. F. Fitzpatrick,	" "	41 50
	E. Butler,	" "	93 50
	J. Cowhey,	" "	6 00
	H. Schmidt,	" "	21 00
May.	"	" "	13 00
	J. Kirby,	" "	8 00
	E. Butler,	" "	89 00
	J. Cowhey,	" "	24 00
	P. E. Flanagan,	" "	15 00
	J. Myers,	" "	21 75
	J. Cowhey,	" "	8 00
	W. Willis,	" "	40 50
	J. F. Albessar,	" "	8 40
	T. F. Fitzpatrick,	" "	42 00
	J. Lynch,	" "	30 00
	Grace Bros. H. S. Co.,	" "	13 50
June.	W. Willis,	" "	51 00
	J. Kirby,	" "	9 00
	J. F. Albessar,	" "	18 80
	F. O. Doran,	" "	21 75
	Grace Bros. H. S. Co.,	" "	6 00
	H. Schmidt,	" "	8 00
	T. F. Fitzpatrick,	" "	39 00
	J. Myers,	" "	37 25
	P. E. Flanagan,	" "	27 75
	Driving Club Shoeing Shop,	" "	7 00
	J. Cowhey,	" "	7 00
	E. Butler,	" "	84 00
July.	"	" "	103 50
	Grace Bros. H. S. Co.,	" "	12 25
	T. F. Fitzpatrick,	" "	43 00

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	J. Kirby,	for shoing horses.....		9 50
	J. Lynch,	" "		51 00
	P. E. Flanagan,	" "		23 75
	J. Cowhey,	" "		9 50
	W. Willis,	" "		49 50
August.	E. Butler,	" "		67 75
	J. Cowhey,	" "		9 00
	T. F. Fitzpatrick,	" "		44 50
	J. Kirby,	" "		8 00
	Grace Bros. Horse Shoeing Co	" "		6 25
	W. Willis,	" "		45 75
	Driving Club Shoeing Shop	" "		8 50
	J. Lynch,	" "		22 50
	H. Schmidt,	" "		27 50
	J. Myers,	" "		71 25
	W. Buckley,	" "		75 25
	P. E. Flanagan,	" "		15 00
September.	J. Myers,	" "		36 25
	J. Cowhey,	" "		13 00
	F. O. Doran,	" "		20 50
	J. F. Albessar,	" "		5 60
	J. Cowhey,	" "		33 50
	W. Willis,	" "		48 25
	P. E. Flanagan,	" "		12 59
	T. F. Fitzpatrick,	" "		43 00
	H. Schmidt,	" "		11 75
	J. Lynch,	" "		27 00
	Grace Bros. H. S. Co.,	" "		12 00
	J. Kirby,	" "		10 00
	E. Butler,	" "		97 75
October.	J. Cowhey,	" "		9 50
	Driving Club Shoeing Shop,	" "		8 00
	T. F. Fitzpatrick,	" "		46 25
	W. Buckley,	" "		33 50
	J. Kirby,	" "		8 00
	J. Cowhey,	" "		12 00
	J. Myers Horse Shoeing Co.	" "		28 50
	W. Willis,	" "		49 50
	E. Butler,	" "		88 50
	Grace Bros. H. S. Co.	" "		7 50
	P. E. Flanagan,	" "		17 75
	J. Lynch,	" "		33 00
	J. F. Albessar,	" "		10 80
	J. J. Hamgan,	" "		5 00
November.	J. Cowhey,	" "		11 00
	J. Kirby,	" "		9 00
	Grace Bros. H. S. Co.,	" "		7 00
	J. J. Reynolds,	" "		30 00
	T. F. Fitzpatrick,	" "		55 50
	J. Lynch,	" "		31 00
	J. F. Albessar,	" "		14 60
	J. Myers H. S. Co.,	" "		37 25
	P. E. Flanagan,	" "		23 25
	E. Butler,	" "		105 75
	W. Willis,	" "		51 00
December.	J. Cowhey,	" "		9 50
	Grace Bros. H. S. Co.,	" "		18 00
	J. Myers,	" "		47 75
	J. F. Albessar,	" "		5 60
	W. Buckley,	" "		36 25
	P. E. Flanagan,	" "		24 25
	J. Kirby,	" "		11 50
	J. Lynch,	" "		34 00
	Schacht & Finnegan,	" "		35 00

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	T. Cowhey,	for shoing horses.....	18 50
	E. Duffy,	" "	10 00
	F. O. Doran,	" "	20 75
	T. F. Fitzpatrick,	" "	70 00
	W. Spetznagel,	" "	7 25
	W. Willis,	" "	72 00
	E. Butler & Son,	" "	137 00
January, 1887.	J. Cowhey,	" "	12 00
	Schacht & Finnegan,	" "	25 75
	J. F. Albessar,	" "	11 60
	W. Willis,	" "	57 50
	P. E. Flanagan,	" "	10 75
	T. F. Fitzpatrick,	" "	41 00
	J. Myers H. S. Co.,	" "	42 25
	Grace Bros. H. S. Co.,	" "	7 50
	J. Kirby,	" "	9 00
	J. Lynch,	" "	42 25
February.	J. Kirby,	" "	12 00
	W. Willis,	" "	64 00
	Grace Bros. H. S. Co.,	" "	12 00
	J. Lynch,	" "	40 00
	J. Myers H. S. Co.,	" "	43 00
	P. E. Flanagan,	" "	25 00
	J. Cowhey,	" "	10 00
	F. O. Doran,	" "	20 25
	T. Cowhey,	" "	16 00
	J. F. Albessar,	" "	5 90
	Schacht & Finnegan,	" "	23 75
	T. F. Fitzpatrick,	" "	53 00
	E. Butler & Son,	" "	176 25
March.	" "	" "	65 00
	T. Cowhey,	" "	8 50
	Schacht & Finnegan,	" "	9 00
	W. Willis,	" "	32 50
	J. J. Reynolds,	" "	18 50
	J. Lynch,	" "	22 00
	P. E. Flanagan,	" "	18 00
	W. Buckley,	" "	45 75
	T. F. Fitzpatrick,	" "	41 00
	J. Kirby,	" "	2 00
	J Cowhey,	" "	8 00
	Grace Bros. H. S. Co.,	" "	6 00
	J. Myers H. S. Co.,	" "	32 00
	J. F. Albessar,	" "	12 60
	F. O. Doran,	" "	8 00
			$4,393 35

HARNESS ACCOUNT.

			Dr.
April, 1886.	To H. A. Hammel, for repairing harness.....		$44 90
	Geo. Schneider,	" "	31 05
	A. Holthaus & Co.,	" "	32 80
	M. Debatin,	" "	1 60
	J. M. Bemiss, Agt.,	" "	16 75
	J. Spuck,	" "	20 40
May.	J. J. Bauer,	" "	6 00
	A. Holthaus & Co.,	" "	60 25
	G. Schneider,	" "	26 25
	Nixdorff & Krein Mfg. Co.,	" "	6 10
	J. M. Bemiss, Agent,	" "	12 30
	M. Debatin,	" "	6 65
	H. A. Hammel,	" "	55 10
	Reutz & Bruder,	" "	24 20
	J. Spuck,	" "	84 75

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June.	J. M. Bemiss, Agt., for repairing harness	19 55
	Geo. Schneider, " "	29 95
	A. Holthaus, " "	24 00
	M. Debatin, " "	1 35
	H. A. Hammel, " "	36 76
	J. Spuck, " "	132 50
July.	A. Holthaus & Co., " "	45 50
	H. A. Hammel, for new "	40 00
	M. Debatin, for repairing "	5 25
	H. A. Hammel, " "	56 15
	Geo. Schneider, " "	65 40
	J. B. Renard, " "	8 95
	J. M. Bemiss, Agt., " "	3 40
	J. Spuck, " "	153 10
August.	Geo. Schneider, " "	33 90
	A. Holthaus & Co., " "	30 55
	J. M. Bemiss, Agt., " "	6 65
	H. A. Hammel, " "	59 85
	J. Spuck, " "	17 85
September.	" " " "	17 00
	Geo. Schneider, " "	22 05
	J. M. Bemiss, Agt., " "	8 75
	H. A. Hammel, " "	31 60
	M. Debatin, " "	1 55
	A. Holthaus & Co., " "	15 60
October.	" " " " "	39 50
	H. A. Hammel, " "	60 85
	Geo. Schneider, " "	12 70
November.	" " " "	16 15
	Degnan & Maginness, blankets	99 00
	H. A. Hammel, for repairing harness	33 10
	J. M. Bemiss, Agt., " "	7 45
	J. B. Renard, " "	6 00
	M. Debatin, " "	4 00
	A. Holthaus & Co., " "	34 00
	J. Spuck, " "	54 65
December.	A. Holthaus & Co., " "	77 05
	J. M. Bemiss Agt., " "	5 85
	H. A. Hammel, " "	44 20
	M. Debatin, " "	2 35
	J. Spuck, " "	19 95
January, 1887.	J. M. Bemiss, Agt., " "	12 70
	Geo. Schneider, " "	35 30
	A. Holthaus & Co., " "	54 75
	H. A. Hammel, " "	71 00
	M. Debatin, " "	2 05
	J. Spuck, " "	44 10
February.	A. Holthaus & Co., " "	47 50
	Nixdorff & Krein Mfg. Co., " "	1 25
	H. A. Hammel, " "	37 00
	J. M. Bemiss, Agt., " "	7 50
	M. Debatin, " "	1 35
	Geo. Schneider, " "	37 40
	J. Spuck, " "	77 80
March.	" " "	33 15
	M. Debatin, " "	2 55
	J. B. Renard, " "	6 00
	H. A. Hammel, " "	45 85
	G. Schneider, " "	31 35
	G. Grassmuck, " "	2 00
	A. Holthaus & Co., " "	41 10
	" " for 1 set double harness	28 75
		$2,433 55

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ICE ACCOUNT.

		Dr.
August, 1886.	To West End Sprinkling, Coal & Ice Co., 101,746 lbs. ice.	$254 36
November.	" " " " " 73,565 " "	183 91
		$438 27

LIGHT ACCOUNT.

		Dr.
April, 1886.	To St. Louis Calcium Light Co., for oxy. and hy. gas..	$15 00
	St. Louis Ry Sup. Mfg. Co., for repairing lamps, etc.	14 80
	Carondelet Gas Light Co., for lighting engine houses	30 38
May.	" " " " " "	23 63
	St. Louis Gas Light Co., " " "	795 00
	St. L. Ry. Sup. Mfg. Co., for repairing lamps, etc.,	6 95
June.	Laclede Gas Light Co., for lighting engine houses	473 40
	St. Louis Ry. Sup. Mfg. Co., fo rrepairing lamps...	8 85
	Carondelet Gas Light Co., for lighting engine houses	21 60
July.	" " " " " "	19 35
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps, etc.	15 20
August.	J. D. Street & Co., for 2 bbls. coal oil.....	9 01
	St. Louis Gas Light Co., for lighting engine houses	534 90
	Carondelet Gas Light Co., " " "	19 12
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps...	3 55
	St. Louis Calcium Light Co., for oxy. and hy. gas...	8 00
	J. E. Bonecum, for repairing lamps.....	2 65
September.	Laclede Gas Light Co., for lighting engine houses	446 10
	Carondelet Gas Light Co., " " "	43 20
	St. Louis Calcium Light Co., for oxy. and hy. gas...	21 00
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps...	10 20
October.	" " " " " " ...	7 35
	J. D. Street & Co., for 3 bbls. coal oil	13 39
November.	Whitelaw & Bro. for 3 bbls. coal oil.....	14 53
	St. Louis Gas Light Co., for lighting engine houses	710 40
	Carondelet " " " " "	23 97
December.	" " " " " "	25 20
	Laclede Gas Light Co., " " "	605 45
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps, etc.	34 15
	Meyer Bros. & Co., for 3 bbls. coal oil.....	14 20
January, 1887.	J. D. Street & Co., " " "	18 36
	St. Louis Calcium Light Co., for oxy. and hy. gas..	39 00
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps....	6 80
	Carondelet Gas Light Co., for lighting engine houses	24 00
February.	" " " " " "	24 20
	St. Louis Gas Light Co., " " "	995 70
	St. Louis Calcium Light Co., for oxy. and hy. gas...	25 00
	St. Louis Ry. Sup. Mfg. Co., for repairing lamps...	4 75
	M. Dougherty, for 3 bbls. coal oil.....	16 94
	J. E. Bonecum, for repairing lamps, etc.,.....	6 20
March.	M. Dougherty, for 3 bbls. coal oil.....	17 06
	St. Louis Ry. Sup. Mfg .Co., for repairing lamps, etc.	7 95
	Carondelet Gas Light Co., for lighting engine houses	22 80
	Laclede Gas Light Co., " " "	579 75
		$5,759 04

MISCELLANEOUS ACCOUNT.

		Dr.
April, 1886.	To A. S. Aloe, for repairing horse clippers.....	$1 00
	J. E. Bonecum, for repairing oil cans and sprinklers.	9 55
	M. Dougherty, for 8 doz. corn brooms.....	28 80
	Kupferle Bros. Mfg. Co., for tools, etc., for wagon..	30 90
May.	M. Dougherty, for 1,500 lbs. brown soap.....	56 25
	" " brushes, mops and wicks.....	23 25
	Richardson Drug Co., castile soap.....	37 24
	Simmons Hardware Co., for sash cord.....	10 70

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	Gould Directory Co., for 1 city directory	5 00
	F. Ring, for 8 bbls. coal oil	17 45
June.	J. B. Greenfelder & Co., 125 lbs. sponges	272 93
	Standard Stamping Co., for 1 doz. sprinkling pots	12 00
	F. Ahrens, for repairing sprinkling pots	2 55
July.	Richardson Drug Co., for castile soap	19 40
	C. W. Barslow, for 1 bbl. silver white	11 48
	Speer, Jones & Co., for 3 bbls. coal oil	16 35
	J. Spuck, for sundries	9 95
August.	J. D. Street & Co., for 2 bbls. W. S. lard oil	46 00
	Richardson Drug Co., for 1 doz. chamois	7 50
	Cupples Woodware Co., for 3 doz. oak buckets	16 50
	G. Moeller, for 8 doz. corn brooms	30 00
	Simmons Hardware Co., for sundries	73 70
	J. Spuck, for sundries	48 02
September.	J. E. Bonecum, for sundries	16 46
October.	J. D. Street & Co., for 2 bbls. W. S. lard oil	51 94
	Simmons Hardware Co., for 4 doz. curry combs	8 25
	Geo. Moeller, for 8 doz corn brooms	30 00
	Standard Stamping Co., for 2 doz. coal hods	14 00
	M. Dougherty, for mops and wicks	14 40
	Richardson Drug Co., for castile soap and castor oil.	33 54
November.	" " " 5 gals. castor oil	7 25
	J. E. Bonecum, for repairing stoves, etc	6 80
	Ward & Brady, for marlin	4 00
	Standard Stamping Co., for cuspadores and sprinklers	16 00
December.	Meyer Bros. & Co., for oil and soap	73 53
	Shapleigh-Cantwell Hardware Co., for sundries	11 75
	John Lindsay, Chief F. Dept, for express freight	1 60
	J. Andreas, for sundries	3 95
	J. E. Bonecum, for sundries	10 80
	Smith, Beggs & Rankin Mach. Co., 1 screw jack	10 00
	J. Spuck, for sundries	105 10
January, 1887.	J. D. Street & Co., for 25 boxes brown soap	37 00
	J. B. Greensfelder & Co., for 131 lbs. sponges	209 67
	Simmons Hard. Co., for saws, shovels, dusters, etc.	79 10
	J. S. Costello, for 2 doz. horse brushes	60 00
	G. Moeller, for 8 doz. corn brooms	30 00
	J. E. Bonecum, for repairing stoves, lamps, etc	15 45
	Fire Ex. Mfg. Co., for repairing chemical holders	6 00
	Platt & Thornburg Paint & Glass Co., for 1 glass cylinder	1 00
	Richardson Drug Co., for 5 gals. castor oil	7 25
	F. Ahrens, for repairing stove	2 25
February.	H. A. Hammel, for covering pipes	26 75
	Simmons Hardware Co., for 1 jack	8 25
	Ludlow & Saylor, for 1 doz. oat sieves	2 75
	J. Spuck, for sundries	50 95
March.	G. Moeller, for 8 doz brooms	30 00
	M. M. Buck, for repairing lanterns	50
	E. W. Hugunin, for repairing clock	2 00
	Simmons Hardwars Co., for 4 doz buckets	26 00
	Richardson Drug Co., for castor and neatfoot oil	10 50
	Platt and Thornburg Glass and Paint Co., for glazing	1 84
	S. Geesecke, for 3 doz stable brooms	33 00
	F. W. Meyer, for 4 doz scrub brushes	10 40
	Mellier Drug Co., for 1 doz. chamois skins	7 50
	Standard Stamping Co., for 2 doz sprinkling pots	48 00
	Smith, Beggs & Rankin Mch. Co., for 1 jack screw	10 00
	Gould Directory Co., for 1 city directory	5 00
		$2,089 75

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MEDICINE AND DOCTORING HORSES.

		Dr.
April, 1886.	To S. Farrell, for doctoring horses	$100 00
	" " " " "	100 00
	Richardson Drug Co., medicine	29 30
June.	S. Farrell, doctoring horses	100 00
July.	" " "	100 00
	Richardson Drug Co., medicine	72 85
August.	" " " doctoring horses	100 00
September.	" " " " "	100 00
October.	" " " " "	100 00
	" " " medicine "	15 50
November.	S. Farrell for doctoring horses	100 00
December.	" " " "	100 00
January, 1887.	" " "	100 00
	Richardson Drug Co., medicine for horses	9 00
February.	S. Farrell, doctoring horses	100 00
March.	" " "	100 00
	Mellier Drug Co., medicine for horses	22 00
Total		$1,349 05

STATIONERY ACCOUNT.

		Dr.
May, 1886.	To Woodward & Tiernan, for fire Record Books	$35 00
June.	Buxton & Skinner Printing Co., for paper, pens, ink	25 00
July.	Woodward & Tiernan, pay roll book and paper	9 00
August.	Buxton & Skinner Printing Co., pencils, pens, ink	2 65
	Nixon & Jones Printing Co., printing reports	27 00
September.	" " " " running cards and books	120 00
December.	A. Gast & Co., pay rolls and vouchers	27 00
	Johann-Palmer Printing Co., requisition books	8 00
February, 1887.	Daly Printing Co., 2 reams letter heads	9 80
March.	Buxton & Skinner Ptg. Co., envl, boxes, paper pins ink	22 29
	Woodward & Tiernan, printing, running cards, etc.,	12 50
Total		$298 24

SALARY ACCOUNT.

		Dr.
April, 1886.	To Fire Department pay-roll	$27,756 15
May.	" " "	37,710 82
June.	" " "	27,710 82
July.	" " "	27,710 82
August.	" " "	27,713 39
September.	" " "	27,785 49
October.	" " "	27,772 76
November.	" " "	27,790 82
December.	" " "	27,710 82
January, 1887.	" " "	27,710 82
February.	" " "	27,699 92
March.	" " "	27,681 47
		$332,754 10

CREDIT ACCOUNT.

By old sacks sold by Commissioner of Supplies	$33 75
By old condemned hose sold by Commissioner of Supplies	45 00
By 28 condemned horses sold by Commissioner of Supplies	792 50
	$871 25

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RECAPITULATION.

Building (repairing)	account	$9,310 63
Damages "	"	61 55
Engines "	"	6,671 97
Hook & L. "	"	1,394 68
New apparatus	"	13,422 50
H. carr. & wagons (repairing)	"	5,066 93
Fuel	"	5,452 32
Furniture	"	778 54
Hose	"	9,486 80
Horse	"	6,500 00
Horse feed	"	15,799 54
Horse shoeing	"	4,393 35
Harness	"	2,438 55
Ice	"	438 27
Light	"	5,759 04
Miscellaneous	"	2,089 75
Medicine and doctoring horses	"	1,349 05
Stationery	"	298 24
Salaries	"	332,754 10
		$423,410 81
Deduct credit for condemned property sold		871 25
Leaves the net expenditures for the year		$422,539 56

GEO. W. TENNILLE,
Secretary Fire Department.

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...se	Loss on stock, Furniture and Machinery.	Loss to Insurance Companies, on Stock, Furniture and Machinery.	TOTAL LOSS.	Total Loss to Insurance Companies.	ORIGIN.
....	$ 50 00	.....	$ 250 00	$ 200 00	Unknown.
....	10 00	.....	10 00	.....	Carelessness.
....	3,300 00	3,300 00	5,900 00	5,900 00	Overheating of pipes.
....	200 00	200 00	700 00	700 00	From the above.
....	.....	.....	.....	.....	
....	.....	.....	.....	.....	
....	.....	.....	.....	.....	Defective grate.
....	.....	.....	.....	.....	Candle left burning.
....	15 00	.....	25 00	10 00	Candle left burning.
....	200 00	200 00	225 00	225 00	Unknown.
....	.....	.....	.....	.....	
....	.....	.....	5 00	5 00	Sparks from chimney.
ed..	.....	.....	140 00	140 00	Hot ashes.
....	.....	.....	.....	.....	
....	.....	.....	5 00	.....	Drawing oil which ignited.
....	200 00	200 00	600 00	400 00	Unknown.
....	500 00	500 00	1,400 00	1,400 00	From the above.
....	10 00	10 00	30 00	30 00	From the above.
....	.....	.....	75 00	.....	Set by tramps.
....	.....	.....	.....	.....	
....	20 00	20 00	120 00	120 00	Defective flue.
....	250 00	250 00	650 00	650 00	Unknown.
fac.	250 00	250 00	550 00	550 00	Unknown.
ur..	50 00	50 00	60 00	60 00	From the above.
....	.....	.....	.....	.....	
....	.....	.....	.....	.....	
....	.....	.....	20 00	20 00	Unknown.
....	150 00	150 00	175 00	175 00	Coal oil lamps.
....	2,200 00	2,200 00	3,200 00	2,950 00	Carelessness.
....	500 00	500 00	900 00	900 00	Unknown.
....	.....	.....	.....	.....	
g...	20 00	20 00	25 00	25 00	Gasoline stove.
nse.	350 00	350 00	850 00	850 00	Set by boys.
....	.....	.....	.....	.....	
....	175 00	75 00	300 00	150 00	Unknown.
....	10 00	10 00	60 00	60 00	From the above.
....	.....	.....	.....	.....	Carelessness.
....	.....	.....	5 00	5 00	Sparks from chimney.
se..	.....	.....	1,000 00	1,000 00	Sparks from chimney.
....	.....	.....	600 00	600 00	Unknown.
....	.....	.....	75 00	.....	From the above.
....	.....	.....	100 00	100 00	From the above.
....	.....	.....	.....	.....	
....	.....	.....	500 00	.....	Unknown.
....	.....	.....	100 00	.....	Unknown.
....	.....	.....	50 00	.....	Unknown.
....	.....	.....	300 00	300 00	Sparks from chimney.
t....	200 00	200 00	400 00	400 00	Unknown.
....	75 00	75 00	225 00	225 00	From the above.
....	.....	.....	.....	.....	
....	.....	.....	5 00	5 00	Sparks from chimney.
....	10 00	10 00	10 00	10 00	Carelessness with candle.
....	400 00	.....	800 00	400 00	Unknown.
....	.....	.....	.....	.....	
....	2,700 00	2,700 00	9,100 00	9,100 00	Unknown.
....	.....	.....	.....	.....	
....	.....	.....	1,000 00	1,000 00	Unknown.
....	.....	.....	.....	.....	
....	50 00	.....	100 00	50 00	Defective flue.
hop..	200 00	200 00	250 00	250 00	Carelessness.
"	10 00	10 00	20 00	20 00	Set by children.
....	200 00	.....	1,200 00	.....	Unknown.
....	.....	.....	.....	.....	
....	10 00	10 00	20 00	20 00	Carelessness.
....	$12,315 00	$11,490 00	$32,185 00	$28,805 00	

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ANNUAL REPORT

OF THE

FIRE AND POLICE TELEGRAPH DEPARTMENT.

St. Louis, Mo., April 12th, 1887.

Hon. D. R. Francis, Mayor:

Sir — In compliance with the provisions of the City Charter I have the honor to submit my eleventh annual report of the Fire and Police Telegraph Department for the fiscal year ending March 31st, 1887: —

The total amount expended for maintaining, operating and improving this department during the year was twenty-nine thousand seven hundred and ninety-eight 67-100 dollars ($29,798.67); total appropriation thirty thousand one hundred and twenty dollars ($30,120); balance $321.33.

This department has now in operation seven hundred and ninety-eight miles of wire; four hundred and thirty-seven fire alarm boxes; thirty-one repeaters or jokers; twelve bell tower machines; forty-three gongs or tappers; sixty-one magneto call bells; twenty-nine chain droppers and one hundred and forty police patrol boxes; one hundred and thirty fire alarm boxes have the keyless door attachment; the fire alarm and police patrol wires have been extended out as far as Union Avenue on the west and the Gravois Road on the south; all of this is operated by 1238 cells of battery.

From the appropriation the department was enabled to reconstruct ten miles of fire alarm wire, and add twenty-four miles of new wire to the system, put up fourteen new fire alarm boxes, one bell tower at No. Nine Engine House, also one new bell striker and thirty keyless doors of the Tooker patent; one new telephone switch board in the central office, and remodel one hundred and ten fire alarm boxes so that they can be changed to any number that may be desired.

In my estimate for the ensuing year I have estimated on twenty-five new fire alarm boxes; one new bell tower and enough money to remodel fifty keyless doors that have become more or less damaged by exposure to the weather.

We have received and signalled during the twelve months ending March 31st, 1887, 611 box alarms; 15 of which were second alarm and seven third alarms; also 290 still alarms. The total number of alarms received and distributed from this department was 901.

My estimate for running expenses, salaries, one new bell tower, twenty-five new fire alarm boxes, new lines, labor and material, etc., modeling old keyless doors, rebuilding old telegraph lines, painting telegraph poles, etc., makes a total footing of twenty-nine thousand three hundred and sixty-five dollars ($29,365).

They are employed in this department thirteen men, to wit; one superintendent, one chief operator, two operators, one telephone inspector, one fire alarm inspector, one chief of construction, two line repairers and one battery man, aggregating in salaries fourteen thousand six hundred and forty dollars ($14,640.)

Before concluding I desire to thank your Honor and the chief officers of the city government for the kind and valuable assistance rendered me in conducting the business of this department.

I also desire to express my thanks to my assistants for the prompt and intelligent manner in which they have performed their duties.

Very respectfully,

ERNEST HILGENDORF,

Superintendent.

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STATEMENT OF EXPENDITURES FOR THE YEAR ENDING MARCH 31ST, 1887; ALSO SHOWING ITEMIZED ESTIMATE FOR THE YEAR ENDING MARCH 31ST, 1888.

Items of Expenses.	*Total Expenses.*	*Total Estimates.*
Salaries, officers and employees, etc	$13,967 71	$14,640 00
Current expenses	6,343 41	7,000 00
New office instruments	493 70	
New bell strikers	1,200 00	
New bell tower	370 00	400 00
Boxes and tappers	2,105 00	3,125 00
New lines, material and labor	2,070 92	3,000 00
Painting Telegraph Poles	997 93	500 00
Keyless doors	2,250 00	700 00
Total	$29,798 67	$29,365 00

Amount paid into the City Treasury for old material sold $5 00

RECORD OF ALARMS RECEIVED AND SIGNALLED DURING THE YEAR ENDING MARCH 31st, 1887.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1886.																																
April	1	1	5	1	1	3	1	2	1	..	3	..	1	1	1	1	..	..	1	4	1	1	1	3	2	3	6	2	2	1	..	50
May	1	2	3	1	..	1	2	2	2	..	2	..	..	1	2	..	..	4	2	1	..	3	3	1	2	..	1	1	3	2	..	42
June	1	2	3	2	2	2	1	2	..	..	1	..	..	..	1	..	2	4	1	..	2	6	2	1	3	1	4	..	..	2	..	45
July	3	2	5	7	8	2	3	2	4	1	1	3	1	3	..	3	1	5	3	2	5	4	2	4	1	1	1	..	..	1	1	72
August	1	..	2	2	1	..	3	5	2	2	2	1	..	1	..	1	..	..	2	2	1	1	1	2	..	..	1	1	..	..	1	35
Sept	1	..	2	2	2	5	1	1	..	..	4	..	1	3	2	1	2	1	..	2	1	1	1	1	..	..	1	1	1	2	..	30
October	2	..	..	1	2	1	2	..	1	1	1	1	2	..	..	1	2	4	2	2	1	..	1	2	2	1	3	2	1	1	2	41
Nov	3	2	2	2	2	1	1	6	..	1	3	..	1	2	4	5	1	5	1	2	..	..	..	..	1	2	..	2	1	3	..	53
Dec	2	..	4	1	3	2	..	1	1	..	4	1	3	2	3	2	3	1	4	1	4	3	3	..	1	1	..	2	3	2	1	58
1887.																																
January	5	4	1	..	1	1	..	3	2	6	2	1	1	1	2	1	3	1	3	1	5	2	1	..	2	2	3	..	..	2	3	59
February	1	1	7	3	1	2	1	..	2	3	4	3	3	1	3	1	1	..	1	5	..	1	1	1	1	3	..	5	..	..	..	55
March	2	..	1	5	2	1	..	2	1	2	..	2	3	1	..	3	1	3	1	..	2	2	..	5	1	3	1	3	1	2	5	55
Total	23	14	35	27	25	21	15	26	16	16	27	12	16	16	18	19	16	28	21	22	22	24	16	20	16	17	21	19	12	18	13	611

Second alarms 15
Third alarms 7
Still alarms 290

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ANNUAL REPORT

OF

THE CORONER

For the Fiscal Year Ending March 31, 1887.

OFFICE OF THE CORONER,
ST. LOUIS, April 9, 1887.

Hon. D. R. Francis, Mayor of the City of St. Louis:

SIR — I have the honor to submit the following report of the business of this office, with tables, during the year ending March 31, 1887:—

Inquests were held upon the bodies of seven hundred and sixty (760) persons, being an increase as compared with the preceding year of 0.929 per cent. Of this number six hundred and sixty-two (662) were white, ninety-three (93) colored, and one (1) Chinaman; in two cases, neither sex nor color could be ascertained, and also in two in which race, sex or color could not be ascertained, there being but fragments of the skeletons recovered. Five hundred and forty (540) were males and two hundred and sixteen (216) females; four hundred and twenty-five (425) were single and two hundred and thirty-five (235) were married, seventy-nine (79) widowed, and the social condition of twenty-one (21) could not be ascertained.

Death in seven cases (7) resulted from abortion; two hundred and ninety-five (295) from accidents; fifteen (15) bodies were found floating; of homicides there were thirty-three (33); of infanticides eight (8); of premature births fourteen (14); of still births seventeen (17); suicides one hundred and four (104); two hundred and sixty-three (263) died of disease without medical attendance; one (1) executed by warrant of law; and in three (3) instances the cause of death could not be ascertained.

The nativity and age of persons inquested, as far as could be ascertained, is given in tables "B" and "C." Of suicides there were, as has been already stated, one hundred and four (104); of those committing this act 34.65 per cent were native born, 41.34 per cent natives of Germany, and 24 per cent of other nationalities. The sex, race, social condition, age, nativity, occupation, means of destroying life, poisons used, and probable cause of suicide is given in table "D."

A list of the various accidents causing death, together with the race, sex, social condition, age, nativity and occupation of decedents will be found in table "E."

The race, sex, social condition, age, nativity, occupation and a list of the various diseases causing death to persons dying without medical attendance is found in table "F."

A comparison of the number of inquests and views held during the years ending March 31, 1886, and March 31, 1887, is given in table "G."

The number of abortions were less by 61.11 per cent; accidents greater by 11.32 per cent; number of bodies found floating greater by 15.38 per cent; homicides greater by 10 per cent; infanticides greater by 14.29 per cent; premature births by 75 per cent; still births by 70 per cent; suicides increased by

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23.80 per cent; and the decrease of those dying without medical attendance 16.24 per cent as compared with the preceding year ending March 31, 1886.

The amount of money collected for costs of inquests and paid into the city treasury during the year is given in table "H."

The financial statement of this office will be found in table "I," and the disposition of the estates of deceased persons is given in table "J."

The appropriation for the past fiscal year $9,790, did not prove sufficient to meet the expenses of this office, there being a deficit of $857.14.

I respectfully call your attention to the report submitted to me, and forwarded herewith, of Peter J. Eagan, Superintendent of the Morgue.

Respectfully yours,

S. H. FRAZER,
Coroner.

TABLE A.

NUMBER OF INQUESTS AND VIEWS OF BODIES HELD BY THE CORONER OF THE CITY OF ST. LOUIS DURING THE YEAR ENDING MARCH 31, 1887.

	Abortion.	Accident.	Found Floating.	Homicide.	Infanticide.	Premature Birth.	Still Born.	Suicide.	Without Medical Attendance.	Not Ascertained.	Executed by Warrant of Law.	TOTAL.	*Race.* White.	*Race.* Colored.	*Sex.* Male.	*Sex.* Female.	*Social Condition.* Single.	*Social Condition.* Married.	*Social Condition.* Widowed.	*Social Condition.* Unknown.
1886. April.	..	14	....	3	....	3	2	8	23	....	....	53	50	3	37	16	33	15	5	..
May..	..	23	1	3	....	....	3	9	21	....	....	60	54	6	41	19	35	15	8	2
June..	3	24	4	..	1	4	1	9	22	....	....	68	58	9	47	20	39	16	8	5
July..	..	39	3	5	....	2	....	12	12	1	....	74	65	8	57	17	53	16	4	1
Aug...	1	42	2	4	....	....	3	3	31	1	....	87	76	10	63	24	43	28	11	5
Sept..	..	18	2	3	....	1	....	8	17	....	....	49	42	7	38	11	25	18	6	..
Oct...	1	35	1	2	1	....	1	12	28	....	....	81	71	10	62	19	42	30	5	4
Nov...	..	15	2	2	1	2	1	6	16	....	....	45	38	7	31	14	26	14	4	1
Dec...	1	21	....	1	1	....	2	8	31	....	1	66	56	10	44	22	37	22	5	2
1887. Jan ..	1	23	....	2	1	....	3	6	20	....	....	55	48	6	34	20	29	18	8	..
Feb..	..	20	....	1	1	1	....	10	16	1	....	50	42	7	32	17	27	16	6	1
Mar...	..	22	....	7	2	1	1	13	26	....	....	72	62	10	55	17	38	27	9	..
Total.....	7	295	15	33	8	14	17	104	263	3	1	760	662	98	540	216	425	235	79	21

Inquests were held on the remains of 2 human beings and race, sex, color, and social condition could not be ascertained, on 2 human beings in which race and sex could not be ascertained; also, upon 1 Chinaman. Colored male executed by warrant of law in December, 1886.

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TABLE B.

NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS AND VIEWS WERE HELD DURING THE YEAR ENDING MARCH 31, 1887.

	Abortion.	Accident.	Found Floating.	Homicide.	Infanticide.	Premature Birth.	Still Born.	Suicide.	Without Medical Attendance.	Executed by Warrant of Law.	Not Ascertained.	Total.
Alsace	....	1	....	....	....	....	....	....	....	....	....	1
Austria	....	....	....	1	....	....	....	1	1	....	....	3
Bavaria	....	1	....	....	....	....	....	....	....	....	....	1
Bohemia	....	2	....	....	....	....	....	2	....	....	....	4
Canada	....	....	....	....	....	....	....	1	1	....	....	2
China	....	....	....	....	....	....	....	....	1	....	....	1
England	....	2	1	1	....	....	....	6	8	....	....	18
France	....	1	....	....	....	....	....	3	2	....	....	6
Germany	....	42	1	3	....	....	....	43	50	....	....	139
Hungary	....	1	....	....	....	....	....	....	1	....	....	2
Ireland	....	32	1	4	....	....	....	5	32	....	....	74
Italy	....	1	....	1	....	....	....	....	1	....	....	3
Nova Scotia	....	....	....	....	....	....	....	....	1	....	....	1
Poland	....	2	....	....	....	....	....	....	1	....	....	3
Russia	....	1	....	....	....	....	....	1	....	....	....	2
Scotland	....	1	....	....	....	....	....	1	2	....	....	4
Spain	....	....	....	....	....	....	....	1	....	....	....	1
Switzerland	....	6	....	....	....	....	....	3	....	....	....	9
United States	6	195	7	23	5	14	16	36	162	1	1	466
Wales	....	1	....	....	....	....	....	....	1	....	....	2
Not ascertained	1	6	5	....	3	....	1	1	4	....	2	23
Total	7	295	15	33	8	14	17	104	263	1	3	760

TABLE C.

AGES OF PERSONS UPON WHOSE BODIES INQUESTS AND VIEWS WERE HELD DURING THE YEAR ENDING MARCH 31, 1886.

Under 5 years	177	Between 50 and 60	86
Between 5 and 10	18	" 60 " 70	69
" 10 " 20	81	Over 70 years	32
" 20 " 30	109	Not ascertained	8
" 30 " 40	84		
" 40 " 50	103	Total	760

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TABLE D.

SEX, RACE, SOCIAL CONDITION, NATIVITY, AGE, OCCUPATION, MEANS OF DESTROYING LIFE, POISONS USED AND PROBABLE CAUSE OF SUICIDE.

SEX AND RACE.	Total.	SOCIAL CONDITION.	Total.
Male	79	Single	40
Female	25—104	Married	51
White	103	Widowed	11
Colored	1—104	Not ascertained	2—104

NATIVITY.

Austria	1	Russia	1
Bohemia	2	Scotland	1
Canada	1	Spain	1
England	6	Switzerland	3
France	3	United States	85
Germany	43	Not ascertained	1
Ireland	5	Total	104

AGE.

Between 10 and 20	7	Between 60 and 70	5
" 20 " 30	19	" 70 " 80	5
" 30 " 40	17	Over 80.	1
" 40 " 50	28	Total	104
" 50 " 60	22		

MEANS OF DESTROYING LIFE.

Gunshot wound	25	Poisoning	35
Asphyxiated by coal gas	1	Drowning	12
Incised wound of throat	9	Hanging	11
" " " abdomen	2	Jumping under railroad train	2
Jumping from third story	2	Jumping from roof	1
" " fourth floor	1	Incised wound of chest	1
" " window	2	Total	104

POISONS USED.

Rough on rats	14	Arsenic	2
Laudanum	3	Paris green	3
Morphine	7	Strychnine	1
Carbolic acid	2	Chloral	1
Hydrocyanic acid	1	Not ascertained	1

PROBABLE CAUSE.

Jealousy	5	Want of employment	7	Tired of life	3
Financial embarrassm't.	8	Despondency	12	Disappointment in love.	5
Remorse	1	Melancholia	4	Quarrel with neighbor	1
Unsound mind	13	Intemperance	19	Unknown	6
Domestic trouble	3	Ill health	17		

OCCUPATION.

Carpenter	2	Shoemaker	1	Farmer	1
Quarryman	2	Cabinet maker	2	Stone mason	1
Railroad man	2	Teamster	2	Whitener	1
Servant	4	Truckman	1	Blacksmith	2
Conductor	1	Printer	4	Cook	1
Bartender	1	Peddler	2	Wire maker	1
Merchant	4	Hostler	1	Brewer	1
Housewife	10	Agent	1	Cigar maker	2
Laborer	5	Clerk	3	Broom maker	1
Prostitute	5	None	9	Letter carrier	1
Lithographer	1	Unknown	1	Machinist	2
Policeman	1	Showman	1	Cashier	1
Upholsterer	1	Musician	1	Paper carrier	1
Tailor	2	Iron worker	1	Grocer	1
Painter	3	Dish washer	1	Saloon keeper	1
Barber	1	Tanner	1	Dentist	1
Gilder	1	Harness maker	1	Salesman	1
Cooper	2	Soldier	1	Lawyer	1
Speculator	1				

SUICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31, 1887.

April	8	August	3	December	8
May	9	September	8	January	6
June	9	October	12	February	10
July	12	November	6	March	13

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TABLE E.

ACCIDENTS CAUSING DEATH, WITH SEX, RACE, AGE, SOCIAL CONDITION, NATIVITY AND OCCUPATION OF THE VICTIMS.

SEX AND RACE:	Total.
Male	240
Female	55 — 295
White	273
Colored	22 — 295

SOCIAL CONDITION.	Total.
Single	181
Married	89
Widowed	19
Not ascertained	6 — 295

AGE.

Under 5 years	49	Between 40 and 50	33
Between 5 and 10	14	" 50 " 60	27
" 10 " 20	53	Over 60	22
" 20 " 30	58	Not ascertained	4
" 30 " 40	35	Total	295

NATIVITY.

Alsace	1	Hungary	1	Italy	1
Bavaria	1	Ireland	33	United States	195
Bohemia	2	Poland	2	Wales	1
England	2	Russia	1	Not ascertained	6
France	1	Scotland	1		
Germany	42	Switzerland	6	Total	295

ACCIDENTS CAUSING DEATH.

Abortion	8	Excessive heat	1	Poisoning by ergot	1
Burned by gasoline	7	Fracture of skull	1	Run over by R. R. cars	15
" " fire	14	Fall from 3d story window	3	" " " wagon	10
" " scalding water	8	" " bed	2	" " " street cars	5
" " " milk	1	" " 3d story	1	" " " locomotive	8
" " hot coffee	1	" " mother	2	Sunstroke	13
" " explos'n of gas	1	" " porch	8	Senile debility and fracture of thigh	1
" " boiling soap	1	" " stand	1	Supposed fall	2
" " coal oil	1	" " wagon	3	Suffocated by smoke	5
" " benzine	1	" " 2d story	1	" " bed clothes	7
" and crushed by hot pipe	1	" " scaffold	4	" " sewer gas	1
Crushed by falling stone	3	" " hay loft	1	" " gas	1
" " " earth	2	" " womb of mother	1	" " chloroform	1
" " " sand	2	" " roof	4	" " barley in vat	1
" " " bricks	1	" " window	1	Struck by piece of wood	1
" " street cars	1	" " ladder	7	" " locomotive	5
" " elevator	4	" through elevator op'g	1	" " cart	1
" " wagon wheel	1	" on street	1	" " falling tree	1
" " R. R. cars	6	" down stairs	4	" " exhaust fan	1
" " car drawhead	1	" into a pit	1	" " anvil	1
" " rolling log	1	" " " cellar	2	" " R. R. cars	1
" " a pony	1	" on sidewalk	1	" " falling boom	1
" " grip car	1	Gunshot wound	8	" " " beam	1
" between timbers	1	" " of abdomen	2	" " " lining of converter	1
" " post and wagon wheel	1	Gunshot wound of thigh	4	Struck by falling barrel	1
Crushed between barge & boat	1	" " " brain	1	" in abdomen (with a shoe)	1
Crushed in R. R. collis'n	1	Jumping from train	1	Struck head on bottom of bath house	1
Crushed by falling walls and burned by fire	2	" " elevator	1	Falling in an epileptic fit	1
Cystitis	1	Knocked down & dragged by R. R. cars	1	Thrown from carriage	1
Drinking corrosive sublimate	1	Knocked down by wagon	1	Tetanus from injuries to foot	5
Drinking concentrated lye	3	Kicked by a horse	2	Tetanus from burns	1
" gasoline	1	Mangled by fly wheel	2	Thrown from horse	1
Drowning	40	" " revolv'g shaft	2	Striking back against post	1
Explosion of gunpowder blast	1	Overlain by mother	3	Total	295
		Pleuro-pneumonia from fall	1		
		Poisoning by morphine	3		
		" " opium	1		

OCCUPATION.

Agent	1	Cook	1	Excavator	1
Butcher	2	Cab driver	1	Electrician	1
Bricklayer	2	Carpenter	6	Fireman	1
Baker	1	Cooper	5	Foreman	2
Boiler maker	1	Brewer	4	Farmer	3
Box maker	1	Brakeman	3	Grocer	1
Blacksmith	2	Deck hand	1	Greaser	1
Basket maker	1	Errand boy	1	Housewife	15
Clerk	2	Engineer	1	Hod carrier	
Coachman	1	Expressman	1	Housekeeper	

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TABLE E. — *Concluded.*

Hostler	1	Puddler	1	Shoemaker	1
Jeweler	1	Prostitute	2	School girl	2
Knitter	1	Printer	2	Saddler	2
Lumberman	1	Porter	1	Stone cutter	1
Librarian	1	Pilot	1	Sand miner	1
Lamplighter	1	Pipeman	1	School teacher	1
Letter sticker	1	Quarryman	2	Slater	2
Laborer	42	Rigger	1	Teamster	13
Laundress	3	Roustabout	1	Telegraph operator	1
Mechanic	1	Rag picker	2	Unknown	5
Mill hand	1	Railroad man	1	Vault cleaner	1
Machinist	3	School boy	7	Watchman	2
Milkman	1	Servant	9	Weaver	1
Moulder	1	Seamstress	1	Wire worker	1
Miner	1	Switchman	8	Carriage maker	1
Match maker	1	Reporter	1		
None	91	Stair builder	1	Total	295

TABLE F.

SEX, RACE, SOCIAL CONDITION, AGE, NATIVITY, OCCUPATION AND CAUSE OF DEATH OF THOSE WHO DIED WITHOUT MEDICAL ATTENDANCE.

SEX AND RACE.	Total.	SOCIAL CONDITION.	Total.
Male	156	Single	137
Female	107 — 263	Married	78
White	224	Widowed	45
Colored	38 — 262	Not ascertained	3 — 263

AGE.

Under 5 years	81	Between 40 and 50	35
Between 5 and 10	3	" 50 " 60	32
" 10 " 20	14	Over 60	60
" 20 " 30	16	Not ascertained	1
" 30 " 40	21	Total	263

NATIVITY.

Austria	1	Hungary	1	United States	162
Canada	1	Ireland	32	Wales	1
China	1	Italy	1	Not ascertained	4
England	3	Nova Scotia	1		
France	2	Poland	1	Total	263
Germany	50	Scotland	2		

CAUSE OF DEATH.

Aneurism	1	Chronic enteritis	1	Pneumonia	2
Anæmia	1	Chronic pneumonia	2	" bronchial	1
Acute softening of the brain	1	Croup	1	" and exposure	1
Acute desquamative nephritis	1	Cancer of stomach	1	Pleurisy	1
Alcoholism	91	Cerebral hemorrhage	1	Paralysis	3
" and exposure	2	Chronic rheumatism	2	Phthisis Pulmonalis	16
Asthma	2	Diphtheria	1	Pericarditis	13
Apoplexy	3	Dysentery	2	Peritonitis	2
Bronchitis	5	Exposure and exhaustion	1	Rheumatism	1
" (chronic)	4	Epilepsy	2	Rupture of varicose vein	1
Congestive chill	4	Entero colitis	3	Senile debility	3
Congenital debility	5	Hemorrhage of heart	2	Strangulated hernia	1
Cholera infantum	2	Hæmoptysis	10	Scarlet fever	1
Cholera morbus	2	Inanition	4	Syncope	1
Cyanosis	5	Injuries & senile debility	2	Septicæmia	1
Convulsions from fright	1	Inflammation of the brain	1	Senile gangrene	1
Congestive fever	4	Infantile convulsions (enteric)	6	Tubercular meningitis	1
Chronic diarrhœa	1	Infantile convulsions (gastric)	1	Teething	9
Congenital scrofula	1	Infantile convulsions (gastro enteric)	21	Uræmic coma	1
Congestion of lungs and heart	1	Infantile convulsions (cerebral)	1	Valvular disease of heart	34
Congestion of lungs	2	Infantile convulsions (reflex)	1	Whooping cough	3
" " stomach & bowels	1	Marasmus	5	Anasarca	3
Cardaic thrombosis	1			Apoplexy (cerebral)	12
				Albuminuria	1
				Exposure and debility	3
				Total	263

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TABLE F — *Concluded.*

OCCUPATION.

Agent	3	Hod carrier	1	Riverman	2
Brewer	1	Harness maker	1	Rag picker	4
Barkeeper	1	Housekeeper	2	Roustabout	1
Barber	3	Iron worker	3	Servant	4
Beggar	1	Janitor	2	Saloon keeper	2
Cutter	1	Laundryman	1	Stone cutter	1
Costumer	1	Liveryman	1	Salesman	3
Conductor	1	Laborer	23	Switchman	1
Carriage finisher	1	Laundress	2	Shoemaker	1
Carriage maker	1	Locksmith	1	Shoe binder	1
Cabinet maker	1	Lamplighter	1	Ship carpenter	1
Clerk	2	Machinist	1	Seamstress	2
Clergyman	1	Musician	1	School teacher	2
Carpenter	3	Merchant	2	Teamster	3
Cook	6	Messenger boy	1	Tinner	1
Druggist	1	Miner	2	Tailor	2
Factory hand	2	Nurse	1	Tobacco stripper	1
Foreman	1	Policeman	1	Washerwoman	2
Farmer	1	Peddler	1	R. R. hand	1
Florist	1	Paver	1	None	123
Glazier	1	Physician	1		
Glass blower	1	Painter	2	Total	263
Housewife	14	Prostitute	5		

Inquest was held upon the body of one Chinaman who died without medical attendance.

TABLE G.

COMPARISON OF NUMBER OF INQUESTS AND VIEWS HELD DURING YEARS ENDING MARCH 31, 1886, AND MARCH 31, 1887.

	Abortion.	Accident.	Found Floating.	Homicide.	Infanticide.	Premature Birth	Still Born.	Suicide.	Without Medical Attendance.	Not Ascertained.	Executed by warrant of law.	Total.
Year ending March 31, 1886	18	265	13	30	7	8	10	84	314	4	....	753
Year ending March 31, 1887	7	295	15	33	8	14	17	104	263	3	1	760
Increase	....	30	2	3	1	6	7	20	...	....	1	....
Decrease	11	....	....	....	....	....	....	....	51	1	....	....
Total increase	....	....	....	....	....	....	...	....	....	....	....	7

TABLE H.

AMOUNT OF MONEY COLLECTED FOR COSTS OF INQUESTS AND PAID INTO THE CITY TREASURY DURING THE YEAR ENDING MARCH 31, 1887.

From April, 1886, to October 31, 1886	$52 50
From November 1, 1886, to March 31, 1887	31 40
Total	$83 90

TABLE I.

FINANCIAL STATEMENT OF CORONER'S OFFICE FOR THE YEAR ENDING MARCH 31, 1887.

To appropriation, Ordinance No. 13,684	$8,450 00	By Salaries of Coroner, Deputy and Clerk	$6,499 92
To additional appropriation, Ordinance No. 13,931	1,340 00	" jury and witness fees	231 50
To balance	857 14	" post-mortems and bringing bodies ashore	950 00
		" stenographer and interpreter	1,253 70
		" coffins and burial	146 00
		" keeping of horse, repairs of harness, vehicle, etc	408 27
		" stationery and printing	136 25
		" furniture and repairs	303 62
		" unclaimed witness fees	555 50
		" unclaimed jury fees	27 50
		" telephone	108 88
		" chemist	26 00
	$10,647 14		$10,647 14

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TABLE J.—DISPOSITION OF ESTATES OF DECEASED PERSONS.

ESTATE OF.	CONSISTING OF.	DELIVERED TO.
W. B. Hale	Ten dollars	Public Administrator.
John Ostermann	Purse and four dollars and sixty-five cents, 2 watch chains, 1 locket, 1 cigar holder, 1 ivory ring, shoe string, lot tickets, etc	Sarah Ostermann.
Hubert Primm	One hundred and eighty-five dollars, gold watch and chain, pair specs, pocket-book, knife, keys, gold collar button, prayer-book, cuff-buttons, neck-tie, kid gloves, overcoat, coat, vest and hat	John A. Hornsby.
Thomas Schaner	One revolver	Barbara Schaner.
John Tregay	Fifteen cents, purse, watch, chain, pair punches, comb and handkerchief	Edith Scoville.
Jacob Nohles	Four dollars and seventy-five cents, purse, silver watch, knife, specs, match box, pipe, tobacco, cards, violin and case	Mina Nohles.
Simon Meyer	Eight hundred and thirty-two dollars and seventy-five cents, 2 promissory notes for $500, papers purporting to be a will and 2 cigar boxes filled with papers	Public Administrator.
Sebastian Hodapp	Discharge papers and receipt for dues	Nelson Cole.
Wm. Voyce	Knife	Circuit Attorney.
Lou Johnson	Chased gold ring	" "
Henry Ammel	Coat and hat	" "
Adam Hoffmeier	One lot letters and papers, 1 insurance policy for $2,000 in Germania Lodge, No. 17 Knights of Honor and all personal property in room on 2d floor of 1236 N. High Street, 1 key and 5 cents	L. F. Placke. / Geo. Philip Schmur.
Thomas Evans	Five dollars and fifty cents, pocket-book, knife and key	John Evans.
Martin Walters	Forty-eight dollars and fifty cents, pocket-book and papers	Public Administrator.
Jacob Bechtel	One purse, three keys and two hundred and eighty dollars in cash	" "
George Moore	One silver watch and hair chain	Mary Moore.
J. Franklin Acord	Four letters, 1 gold watch, 1 brass chain and Masonic charm, lot of collars, razor and case, bunch of keys, pocket knife, tooth brush, pocket-book, $2 25 cash, 2 baggage checks	J. T. Sanford.
Randall G. Flynn	One lot of letters, 1 photograph, 1 pair scissors, 2 bougies, 1 lot, 1 watch charm, 1 chain slide, 1 collar button, 1 gold watch (supposed) and silver chain, 6 cents in coin, knife, shoe buttoner, comb, scarf-pin, tobacco bag, pawn ticket for diamond pin, pawn ticket for diamond ring, pawn ticket for gold vest chain, pawn ticket for lot cameo cuff-buttons, accident policy in Standard Insurance Co., and bunch of keys	Public Administrator.
Anton Runge	One nickel watch, one silver watch, pocket-book and eighty-one dollars and sixty-five cents cash	Public Administrator.
Johanna Mackey	One key and seven dollars and ninety cents in cash	L. A. Bowlin.
A. E. Harlem	Two pair sleeve-buttons, Masonic pin, keystone, cuffs and collars, comb and brush, hand satchel, Masonic diploma, pocket-book, watch-key, three handkerchiefs, knife, bunch of keys, seal ring, diamond screw stud, 8 pawn tickets, suit of clothes, overcoat and hat	Jacob Harlem.
John Donovan	One hundred and twenty dollars and pocket-book	Public Administrator.
Paul Belke	Two dollars and thirty-five cents	Anton Belke.
Samuel R. Newsom	One open face gold watch, No. 2075, gold chain, seven dollars and seventy-five cents, pocket knife, one paid note for six hundred dollars	Public Administrator.
John Hays	Six dollars and eighty cents	Public Administrator.
John Pommeron	Thirty-six dollars and seventy-five cents	L. P. Harrigan.
Andrew S. Stehle	Seventy-two dollars, one receipt of L. A. Coquard for one package for safe keeping said to contain $2,500.00, St. Joe Mo., 4 per cent bonds	Public Administrator.
Louis Haller	One Smith & Wesson revolver No. 94,421	Louis Heller, Jr.
Charlotte Phillips	Neck chain, eighty-five cents, pair anvil ear-rings, finger-ring	M. C. G. Phillips.
Chas. Tiemann	One dollar and fifty cents	Amelia Tiemann.
James Johnson	Twenty two tickets, knife, key, feed bill, handkerchief	Joseph Johnson.
D. F. Miller	One revolver, two letters, pawn ticket, papers	Minnie L. Miller.

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TABLE J. — DISPOSITION OF ESTATES OF DECEASED PERSONS — *Continued*.

ESTATE OF.	CONSISTING OF.	DELIVERED TO.
Theresa Klemm	Open face silver watch, hair chain, breastpin and charm, ear-rings 2 finger-rings, thirty-four cents, 1 pocket-book	Carl Klemm.
Lou Johnson	Ten dollars	Circuit Attorney.
Anna Lawlor	Bank book	Public Administrator.
Theresa Christ	Sixteen dollars and ninety-five cents, pocket-book	Public Administrator.
Christian Waitman	One memorandum book and keys	Public Administrator.
J. J. Fagin	Purse, knife, keys, fish-line, correspondence, etc., 1 ring, four dollars	M. Kerrigan.
Andrew S. Baumgart	One pistol C. Sharp's patent	Arthur S. Graves.
James Hargrave	Gold ring, cuff-buttons collar-button, stud and forty five cents in cash	Maggie Jordan.
Ernst Fruttenecht	Fifty-six dollars and twenty cents, 1 ring	Charles . Fruttenecht.
Alec De Lisle	Open faced silver watch, watch-key and twenty-five cents	Theresa Herget.
Chas. A. Poskey	Watch chain, pair sleeve-buttons, pocket-book, knife, memorandum book and pawn-ticket No. 5987	Jno. C. Grafing.
Fred. Roeder	One revolver, pen-knife, comb, bunch keys, 2 collar-buttons, 1 stud and eighty-five cents cash	Geo. Philip Schnur.
Annie Magente	Twenty-two dollars and eighty cents, 1 door-key and receipt book of Met. Insurance	Public Administrator.
Frank Sandmeyer	One purse, gold ring, cuff-buttons, pawn-ticket No. 14,709, bunch of keys	Emma Saudmeyer.
R. A. Steele	One gold watch and chain, pocket-book seven dollars cash, handkerchiefs, gloves, lot letters and memorandum book	Chas. T. Steele.
Ferd. Hanny	Ninety-five cents, cigar case, knife, key, pair of spectacles and pistol	Julius Hanny.
John Brodtbeck	Pocket-book, ten cents, 3 pipes, pair of gloves, knife, key and lot of buttons	Jas. H. Miller.
Thos. S. Rutherford	Pocket-book and nine dollars, paper, purse and ten cents, 1 gold watch and chain, 1 pair of spectacles, 1 lot letters and papers in box, 1 pair of gloves, 1 bunch of keys	John Rutherford.
Dan Walker	Ten cents, 1 knife, and papers	P. Monahan.
Phil. C. Neuschwanger	Two dollars and sixty cents, 1 watch and chain, memoranda and letters	Cath. Neuschwanger.
John Parker	Two mem. books, physicians' certificate, pension papers, specs, comb and five cents	Mrs. R. Kerner.
Julius Elsner	One receipt for $150, 1 receipt for $60, ninety dollars cash, 1 empty pocket-book, 1 mem. book, 1 revolver, 1 silver watch and chain, 1 pocket-book containing $1.80 in cash, 4 meal tickets, 4 receipts for dog licenses, 1 match, box, 1 knife, 1 cigar holder, 1 watch key, 1 trunk containing clothing, 1 lot keys, 1 violin and box	H. Elsner.
Wm. Dille	One mem. book, deed to property on Angelrodt street, lease to property on same street, $2, razor, bundle clothing, tax receipts	Sheriff.
James Toohey	One trunk containing clothing, letters and papers and 8 pairs of spectacles	James Skahan.
John H. Gunsaullus	Twenty-five cents, 1 rule, 1 time-book, 1 pipe and tobacco	M. A. Gunsaullus.
Lena Brock	Eight dollars and thirty-five cents, 1 trunk and contents, 1 satchel and contents, 1 extra suit of clothes, 1 picture, 1 purse	Tillie Brock.
James A. Johnson	Eleven dollars and seventy-five cents, 1 watch and chain, 1 pocket knife, 1 bunch keys, 1 cigar-holder, 1 picture in case	Emma J. Johnson.
Jerry Sullivan	One silver watch, five dollars and ninety cents, 1 conductor's book and 85 tickets, letters, papers, etc	Catherine Sullivan.
James Payne	One dollar and sixty-five cents, memorandum book, pocket knife, wagon license, papers, etc	Isam Bailey.
Magdalena Effen	Insurance policy and receipt book in Metropolitan Insurance Co	F. A. Griffith.
Conrad Mayer	One silver watch and gold chain, 1 pair spectacles and case, 1 knife, 1 match case, 1 chamois skin, 1 cigar cutter, 5 cents	Mary Mayer.
Serafin Fernandez	One watch and chain, five dollars and thirty-five cents, one memorandum book and papers	Public Administrator.
Robert Niesen	Keys, papers, four dollars and seventy cents, 1 chest of tools, 1 trunk and contents, 1 Colt's revolver	Dora Niesen.
Wm. Kelly	Pocket-book, breast-pin, button and mem. book	City Treasurer.
W. Morris (supposed)	Bank book and 3 keys	" "
Suicide from Hospital	One watch and key and knife	" "
George Stimfel	Mem. book and letters	" "

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ESTATE OF.	CONSISTING OF.	DELIVERED TO.
—— Brady	Ten cents	City Treasurer.
John Roltz	Pocket book and photos	" "
Aug. Mamberg	Knife, purse, pocket-book and 2 stamps	" "
Ike Carter	Five cents and knife	" "
Alex Mehrman	Ten cents and tickets	" "
Unknown White Man.	One dollar and fifty cents	" "
—— Adams	Memoranda and papers	" "
Hamilton Barnes	Three cents, pocket-book, keys, knife and 2 memorandum books	" "
John Malloy	Watch and chain, rule, papers and note book	" "
Chas. Poulson	Mem. book, papers, sleeve buttons and 2 studs	" "
Adam Thompson	Twenty-six and one-half cents, sleeve and neck buttons	" "
Wm. McDonald	Book, 2 rings and buttoner	" "
Peter Crawford	Twenty-two cents and letters	" "
Frank Prieser	Mem. book and letters	" "
Unknown White Man.	Knife, mem. book, keys and scissors	" "
Anton Redding	Watch, chain and locket, silver m. box, 3 pairs ear-rings and breast-pins, 2 finger-rings, hair chain, ladies' watch chain and locket, necklace, shawl pin and keys	" "
Chas. Kempfert	Watch chain, 2 lockets, 2 rings, mem. book, papers and keys	" "
Louis Lamaster	Breast-pin and three dollars and fifteen cents	" "
Leopold Blier	Stamp and papers	" "
Gustav Labori	Watch and chain, pocket-book, thirty-five cents, keys, etc.	" "
Ed. Baumgart	Mem. book and papers	" "
S. Hodapp	Knife, spectacles, etc., two dollars and ninety cents	" "
	Nine pistols of suicides	" "
Christ. Goette	Three books, silver watch and six dollars and twenty-five cents	" "
E. B. Krieg	Mem. book, receipts and twenty-one dollars and twenty-five cents	" "
P. Wiedner	Watch and chain, cigar-holder, knife and three dollars and eighty-five cents	" "
Unknown White Man	Pocket-book and 87 cents	" "
Unknown Floater	Pocket-book and ticket	" "
Bridget Cady	Thimble, ring, chain and cross, 45 cents	" "
Fritz Fueger	German coin, pencil and collar-button	" "
John Pomeron	Knife, watch and chain	" "
Unknown White Man.	Pistol, tin type and check	" "
August Vennor	Pocket knife, sleeve buttons	" "
Christian Judd	One pocket knife	" "
B. F. Holland	Memoranda, specs and comb	" "
Mathias Haering	Memoranda and papers	" "
Herman Slaberg	Buttons and stud	" "
James Floewrie	Watch and chain and 20 cents	" "
Wm. Kochrer	Fifteen cents	" "
Richard Hirschoff	Pocket-book, German coin and letters	" "
Theo. Helms	One dollar Confederate bill, 10-cent ticket and pocket-book	" "
Henry Bromscherb	Papers	" "
George Berg	Knife, keys, pencil	" "
Addison Case	Five cents, neck and sleeve buttons, knife	" "

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TABLE J. — DISPOSITION OF ESTATES OF DECEASED PERSONS — *Continued.*

ESTATE OF.	CONSISTING OF.	DELIVERED TO.
Unknown Col'd Man..	Two pieces of money.....	City Treasurer.
Gotlieb Zimmer.....	Pocket knife and keys.....	" "
Berry Evans.....	One ring.....	" "
Unknown White Man.	Memoranda book and handkerchiefs.....	" "
John Murphy.....	Pocket-book and 5 cents, watch chain, knife and 2 books.....	" "
T. C. Sydler.....	Cuff and collar buttons, watch and chain, 4 cents, B & C.....	" "
Louis Johnson.....	Sleeve and collar buttons and papers.....	" "
Robert Wiseman.....	Watch and chain.....	" "
Unknown White Man.	Five cents and knife.....	" "
Ike Carter.....	Buttons and scarf pin.....	" "
Kate Williams.....	Pocket-book, 10 cents and pawn tickets.....	" "
Philip Schmidt.....	Note for $150.....	" "
Almer E. Tong.....	Thirty cents, pocket-book, etc.....	" "
A. W. Wriston.....	Watch, pocket-book, papers and twenty-eight dollars and twenty cents.....	" "
Henry Nolte.....	Pocket-book, keys, specs and ten dollars and eighty cents.....	" "
Anton Schoen.....	Two dollars and seventy-five cents and pension papers.....	" "
Hannah Weil.....	Pocket-book and sixty-two cents.....	" "
Emanuel H. Seymour	Four dollars and forty-five cents.....	" "
	All property in hands of coroner belonging to deceased persons and to be used in evidence, turned over to the circuit attorney.....	" "

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ANNUAL REPORT

OF THE

SUPERINTENDENT OF MORGUE.

ST. LOUIS, April 12, 1887.

Samuel H. Frazer, M. D., Coroner of the City of St. Louis:

SIR — I have the honor to submit the following report concerning the operations of the morgue during the year ending March 31, 1887: —

The bodies of 331 persons were brought to the morgue during the period named, 237 by the city undertakers, 74 by the Police Department and 20 by other persons. Twenty-five more bodies were received than during the preceding year. Of those received 301 were identified, (35 in the morgue after being exposed to public view), and 30 were not identified, 263 were white, and 66 colored, 236 were males and 93 females and in 2 cases neither race nor sex could be ascertained; 220 were adults and 111 children; 138 were buried by the city, 189 by relatives or friends and 4 were delivered to medical colleges (see table A.).

Accidents caused the death of 114 persons; homicides of 25; infanticides of 8; suicides 55; and 14 were found floating; 5 died from insolatio; 57 from natural causes, but without medical attendance, and 53 from various other causes.

Of the accidents causing death 21 were by drowning, 26 by falls, 18 by injuries received on railroads and 49 by accidents of various other kinds.

Of the homicides 6 were by blows, 11 by shooting, 7 by stabbing and 1 burned by fire.

Of the infanticides 3 died from criminal exposure, 1 by strangulation, and 4 were killed in some unknown manner.

Of the suicides 1 was asphyxiated by gas, 10 died by drowning, 4 by incised wounds, 3 by jumping under railroad cars, 1 by jumping from window, 1 by jumping through elevator shaft, 17 by poison, 13 by shooting, and 1 by some unknown means.

Of the above 172 were native born, 62 were natives of Germany, 38 of Ireland, 7 of England, 4 of Switzerland, and 20 of various other countries; the nativity of 28 is unknown.

There was appropriated for operating and maintaining the morgue during the past fiscal year the sum of $2,440.00, of which amount there still remains a small balance ($13.52) in the city treasury. There are many repairs necessary that cannot be made unless the appropriation is increased, and I would respectfully suggest that the sum of $3,000.00 be appropriated to meet the necessary expenses of the institution during the next fiscal year.

My assistant, Mr. Chas. Jinkins, has continued to perform his duties in a most satisfactory and praiseworthy manner.

Very respectfully,

PETER J. EAGAN,
Superintendent.

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...DE OF DEATH, AND BY WHOM BURIED.

MONTHS.	Identified.	Not identified.	White.	...TI...	Total.	SUICIDES.																				BURIAL.			
						Asphyxiated by gas.	By drowning.	By hanging.	By incised wounds.	By jumping under railroad cars.	By jumping from window.	By jumping through elevator shaft.	By poison.	By shooting.	By unknown means.	Total.	Abortion.	Alcoholism.	Executed by warrant of law.	Found floating.	Insolatio.	Premature birth.	Still born.	Without medical attendance.	Total.	By the city.	By friends.	Delivered to Medical Colleges.	Total.
1886.																													
April	25	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	27	3	23	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	17	9	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	36	3	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	28	2	22	..	..	1	2	..	..	..	..	..	2	..	..	2	3	1	4	2	..	3	2	5	11	8	17	..	25
September	20	1	16	..	..	..	1	..	..	..	..	..	..	..	..	..	1	3	2	..	..	3	3	6	17	11	19	..	30
October	31	4	28	..	..	..	..	..	..	..	..	..	2	..	3	5	3	1	3	..	..	3	3	6	17	12	14	..	26
November	17	..	13	..	2	..	3	1	1	1	1	..	2	2	3	8	3	1	2	..	..	3	3	6	17	19	20	..	39
December	24	3	20	..	..	..	..	..	..	..	..	..	1	1	1	3	3	1	2	..	..	3	3	6	17	19	11	..	30
1887.																													
January	22	2	18	..	1	..	..	..	..	..	..	..	2	..	..	2	3	1	3	2	..	3	2	5	11	8	13	..	21
February	25	1	26	..	..	..	..	2	..	1	..	..	..	2	..	3	3	1	2	..	..	3	3	6	17	14	20	1	35
March	19	2	17	..	..	..	..	1	1	..	..	..	2	..	..	3	3	1	2	1	..	3	3	6	17	5	11	1	17
Total	301	30	263	..	4	..	1	3	1	1	1	..	7	3	4	15	3	1	2	..	..	3	3	6	17	14	12	1	27
				..	8	..	1	10	4	4	3	1	1	17	13	1	55	9	19	1	14	5	6	18	57	129	138	189	4	331

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E DURING THE YEAR

.....	3
.. ..	2
....	4
.....	3
.....	1
.....	28
.....	172
.....	231

ING MARCH 31, 1887.

'of Superintend-		
ssistant April 1,		
arch 31, 1887....	$1,500	00
.....	120	85
s (coal, etc.)....	89	46
ring bodies to		
.....	388	75
s.....	46	65
ing.....	13	66
ashes.....	3	00
of building and		
.....	264	11
in city treasury	13	52
.....	$2,440	00

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TWENTY-SIXTH ANNUAL REPORT

OF THE

BOARD OF POLICE COMMISSIONERS

OF THE

CITY OF ST. LOUIS,

FOR THE FISCAL YEAR ENDING APRIL 18th, 1887.

OFFICE OF THE BOARD OF POLICE COMMISSIONERS,
ST. LOUIS, MO., April 12th, 1887.

To the Honorable, the Municipal Assembly of the City of St. Louis:

GENTLEMEN — The following report of the Board of Police Commissioners of the City of St. Louis, for the fiscal year ending April 12th, 1887, is respectfully submitted for your information:—

THE BOARD.

The Board of Police Commissioners at present consists of the following members, viz.: —

DAVID R. FRANCIS, Mayor and Ex-officio President; residence, 3618 Vandeventer Place.

JAMES L. BLAIR, Vice-President; residence, 3520 Lucas avenue; assigned to 3d and 4th Police Districts.

FRANK GAIENNIE, Purchasing Member; residence, 3301 Lucas avenue; assigned to 5th Police District.

OLIVER P. GOODING, Commissioner; residence, 2344 Olive street; assigned to Central Police District.

EDWARD WILKERSON, Treasurer and Member of Board of Health; residence, 3111 Pine street; assigned to 1st and 2d Police Districts.

FRANK R. TATE, Secretary; residence, 918 Benton street.

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The following appointments were made by the board during the year, viz. : —

TABLE No. 1.

DATE.	NAME.	RANK.	AGE.	NATIVITY.	MARRIED OR SINGLE.	OCCUPATION.
1886.						
April 1	McDonnell, Thomas	Emergency special	25	U. S.	S.	Teamster.
" 1	Miller, Geo. W.	Probationary patrolm.	24	"	M.	Fence maker.
" 1	Hicks, W. H.	Emergency special	30	"	"	Clerk.
" 1	Cady, Stephen	" "	26	Ireland	S.	Laborer.
" 1	Liston, Philip	" "	26	U. S.	"	Engineer.
" 1	Leahey, Wm	" "	32	Ireland	M.	Teamster.
" 1	Murphy, Con. F.	" "	34	U. S.	"	Carpenter.
" 1	Gleason, Dennis	" "	25	Ireland	S.	Porter.
" 1	Bickerton, J. H.	" "	34	U. S.	M.	Iron worker.
" 1	Drier, Wm	" "	24	"	"	Miner.
" 1	Riedmeyer, Henry	" "	30	"	"	Rolling mill.
" 1	Mayer, G. D.	" "	35	Ireland	"	Laborer.
" 26	Caskie, John N.	Clerk	41	U. S.	"	Book-keeper.
May 1	Moloney, Peter	Emergency special	22	"	"	Teamster.
" 1	McKay, Read H.	" "	23	"	S.	Printer.
" 1	Brown, Walter	Messenger	14	"	"	Telephone boy.
" 1	Hufsmith, Gus	"	17	"	"	Tobacco boy.
" 7	Baggot, Edward	Telephone boy	14	"	"	Messenger.
" 10	Leifeld, Henry	Patrolman	36	"	M.	Ex-patrolman.
" 11	Viehle, D. C.	"	34	"	"	Ex-patrolman.
" 13	O'Donnell, Frank	Messenger	16	"	S.	Hostler.
" 13	Boyle, Frank	Emergency special	33	Ireland	M.	Blacksmith.
" 14	Furth, Alfred	Patrol wagon driver	24	U. S.	S.	Electrician.
" 15	Dempsey, Chas.	Telephone boy	14	"	"	Office boy.
" 18	Martin, Egbert A.	Emergency special	33	"	M.	Porter.
" 25	Knollhoff, Edward	" "	26	"	"	Cabinet maker.
" 25	Harrison, James J.	" "	26	"	S.	Clerk.
June 8	Simpson, E.	" "	26	"	"	Conductor.
" 8	Mulderig, Michael	" "	32	Ireland	M.	Laborer.
" 8	Amelung, Henry	" "	25	U. S.	"	Laborer.
" 8	Gunn, Calvin	Clerk	50	"	"	Farmer.
" 23	Keeshan, Thos.	Turnkey	54	Ireland	"	Teamster.
" 24	Fuchs, Wm.	Emergency special	26	U. S.	"	Clerk.
July 6	O'Gorman, Patrick	" "	25	"	"	Carpenter.
" 6	Kelly, Michael W.	Probationary patrolm.	24	Ireland	S.	Laborer.
" 6	McMullen, John	Emergency special	27	U. S.	"	Painter.
" 13	Corcoran, James	Probationary patrolm.	25	Ireland	M.	Laborer.
" 20	Watkins, C. H.	Emergency special	33	U. S.	"	Clerk.
Aug. 31	Keeshan, Thos.	" "	54	Ireland	"	Teamster.
Sept. 14	Heath, Wm. F.	" "	31	U. S.	"	Laborer.
" 28	Haynes, Chas. E.	" "	26	"	"	Carpenter.
Oct. 13	Scrugge, Thos. C.	Patrolman	33	"	"	Ex-patrolman.
" 13	Whalen, Thos. P.	Emergency special	26	"	S.	Iron worker.
" 13	Maguire, James	" "	27	Ireland	"	Laborer.
" 20	Cramer, J. A.	" "	34	U. S.	M.	Conductor.
" 20	Lawton, Michael	" "	29	Ireland	"	Quarryman.
" 27	O'Connell, Dennis	" "	25	U. S.	S.	Stone cutter.
Nov. 10	Thornton, J. H.	" "	22	"	"	Laborer.
" 15	Johns, A. H.	" "	35	"	M.	Watchman.
" 15	Fagan, Edward	" "	24	"	"	Tinner.
" 23	Trojonoski, Julius L.	" "	32	Poland	"	Grocer.
" 30	Malin, Ira B.	" "	22	U. S.	S.	Clerk.
Dec. 14	Moran, Bernard	" "	33	"	M.	Teamster.
" 14	Biggar, A. S.	" "	29	"	S.	Watchman.
" 14	Ward, Wm.	" "	28	Ireland	"	Laborer.
1887.						
Jan. 5	Burke, Michael J.	Emergency special	25	U. S.	M.	Teamster.
" 12	McKenna, Patrick J.	Patrolman	31	"	"	Ex-patrolman.
" 26	Dempsey, Michael	Emergency special	24	Ireland	"	Horse shoer.
" 1	Beahan, Wm.	Messenger	13	U. S.	S.	Messenger.
March 1	Cosgrove, John	"	15	"	"	Messenger.
" 22	O'Leary, Michael	Emergency special	31	Ireland	M.	Railroader.
" 29	Stack, Michael	Patrolman	35	"	"	Ex-patrolman.
" 29	Heer, Anthony	Emergency special	25	U. S.	S.	Porter.

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The following promotions were made during the year, viz:—

TABLE NO. 2.

DATE.	NAME.	RANK.	DISTRICT.	PROMOTED TO.
1886.				
Apr. 1	Hulfish, L.	Proba. Patrolman.	Fifth	Patrolman.
" 1	Sullens, Jas.	Patrolman	Central	Sergeant.
" 1	Rochow, Chas.	Emergency Special	Second	Patrolman.
" 1	Connors, John	" "	Third	"
" 1	Powers, Mat	" "	Fifth	"
" 1	Lowery, Jno. M.	" "	Fourth	"
" 1	Reilly, A. J.	" "	Second	"
" 1	Cogan, Wm.	" "	Third	"
" 1	Noonan, Pat.	" "	Fourth	"
" 1	Roehl, Jno. E.	" "	Second	"
" 1	O'Brien, Jno. T.	" "	Second	"
" 1	Beebe, C. P.	" "	First	"
" 1	Keene, Jeremiah	" "	Fourth	"
" 1	Bennett, J. H.	" "	Third	Proba. Patrolman.
" 13	Bruce, Jno. C.	Proba. Patrolman	Third	Patrolman.
May 1	Duggan, C. M.	Emergency Special	Fifth	"
" 4	Huebler, Anton	Captain	Second	Chief of Police.
" 4	Joyce, Peter	Sergeant	Central	Captain.
" 4	Hoagland, W. Y.	Patrolman	Third	Sergeant.
" 4	Jones, H. M.	"	Central	"
" 4	Bennett, J. H.	Proba. Patrolman	Third	Patrolman.
" 17	Fitzgerald, Jas.	" "	Fifth	"
" 17	Young, Julius.	" "	Central	"
" 22	Callahan Jno. J.	" "	Fourth	"
June 10	Whitworth, U. B.	" "	Second	"
" 10	Byrne, Thos.	" "	Fourth	"
" 12	Weber, Richard.	" "	Central	"
" 17	King, Martin	" "	Central	"
July 31	Gavin, Geo.	Turnkey	Fifth	Emergency Special.
" 31	Simms, Wm.	"	Fifth	" "
" 31	Davis, R. B.	"	Fifth	" "
" 31	Clark, Simon	"	Central	" "
" 31	Jacobs, Oswald	"	Second	" "
Aug. 1	Meehan, M. J.	Proba. Patrolman	Third	Patrolman.
" 1	McGrath, James	" "	Third	"
" 1	McNamee, Owen	" "	Fourth	"
" 1	Bolger, Thos.	" "	Fourth	"
Sept. 1	O'Brien, Thos.	Emergency Special	Central	"
" 1	Hanifan, Martin	"	Third	"
" 1	Brady, James	" "	Third	"
" 1	Miller, Jr., Jno. D.	" "	Third	"
" 1	Gilbane, John	" "	Fifth	"
" 1	Smith, Thos.	" "	Fourth	"
" 1	Kickham, Chas.	" "	Central	"
" 1	McDonnell, Thos.	" "	Third	Proba. Patrolman.
" 1	Hicks, W. H.	" "	Third	" "
" 1	Cady, Stephen	" "	Fourth	" "
" 1	Liston, Phil.	" "	Fourth	" "
" 1	Murphy, Con. F.	" "	Fourth	" "
" 1	Gleason, Dennis	" "	Fourth	" "
" 1	O'Brien, Jno. T.	Proba. Patrolman	Second	Patrolman.
Oct. 19	McMahan, Michael	Patrolman	Central	Sergeant.
Nov. 1	Liston, Phil.	Proba. Patrolman	Fourth	Patrolman.
" 1	Cady, Stephen	" "	Fourth	"
" 1	Miller, Geo. W.	" "	Fourth	"
" 1	Gleason, Dennis	" "	Fourth	"
" 1	Murphy, Con. F.	" "	Fourth	"
" 1	Bickerton, J. H.	" "	Second	"
Dec. 1	Maher, Ed.	Emergency Special	Third	"
" 1	Drier, William	"	Fifth	"
" 1	Malony, Peter	" "	Fourth	"
" 1	Boyle, Frank	" "	Central	"
" 1	Hicks, W. H.	Proba. Patrolman	Third	"
" 1	McDonnell, Thos.	" "	Third	"
" 1	Martin, E. A.	Emergency Special	Fourth	"
1887.				
Jan. 1	Knollhoff, Edward	" "	Third	"
" 1	Amelung, Henry	" "	Central	"
" 1	Simpson, Ed	" "	Second	"
" 1	McKay, R. H.	" "	Third	"
Feb. 1	O'Donnell, Frank	Messenger	Third,	Tel. Operator.
" 1	Fuchs, Wm.	Emergency Special	First	Patrolman.
" 1	McMullin, Jno.	" "	Central	"
" 1	Kelly, Mike W.	Proba. Patrolman	Fourth	"
" 1	Corcoran, Jas.	" "	Central	"
Mch. 1	Watkins, Chas. H.	Emergency Special	Third	"
" 1	Riedmeyer, Henry	" "	Fourth	"
" 8	Archambault, C. H.	Patrolman	Headquarters.	Detective.

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The following resignations were submitted and accepted by the Board during the year, viz.: —

TABLE No. 3.

DATE.	NAME.	RANK.	DISTRICT.	REMARKS.
1886.				
April 1.	Wasserberger, Chas	Patrolman	4th	Voluntarily.
" 1.	Clinton, John	Turnkey	5th	"
" 1.	Fleming, Thos	"	5th	"
" 1.	Wade, Thos	"	5th	"
" 1.	Keller Jno. P.	"	5th	"
" 1.	Card, Ben	"	2nd	"
" 1.	Pendergast, Jno	"	5th	"
" 1.	Walsh, Jno	"	Central	"
" 1.	Moore, J. D	Patrolman	5th	"
" 6.	Hamilton, Isaac	Janitor	3rd	"
" 10.	Eaves, Louis	Turnkey	2nd	"
" 30.	Anderson, Ben	"	4th	"
May 4.	Harrigan, Laurence	Chief	Head quarters	"
" 4.	Brown, Sam	Sergeant	Central	By req'st of board
" 11.	Scheussler, Jos.	Turnkey	5th	Voluntarily.
" 11.	McDonald, E. F.	Emergency special	5th	"
" 11.	Murray, Hugh	Telephone operator	Central	"
" 31.	Spencer, Harry M.	Clerk	1st	"
June 15	Scruggs, Thos. C.	Patrolman	3rd	"
" 22.	O'Neill, John	"	4th	Under Charges.
" 29.	Bradley, O. M.	"	Central	Voluntarily.
" 29.	Lewis, Frank W	"	Headquarters.	Under Charges.
July 1.	White, Florence D.	Secretary to chief	Headquarters.	Voluntarily.
" 20.	Taylor, Oscar	Patrolman	4th	Under Charges.
Aug. 1.	Hartman, C. P	"	2nd	Voluntarily.
Sept. 6.	Brown, Walter	Messenger	Central	"
Oct. 1	Benson, J. W., jr.	Emergency special	2nd	"
" 5.	Watkins, Frank	Sergeant	2nd	"
" 19.	Duggan, Chas. M.	Patrolman	5th	"
Dec. 7.	Burke, T. F	"	1st	"
1887.				
Jan. 1.	Dempsey, Chas	Telephone operator	3rd	"
Feb. 22.	Mahoney, D. J	" "	Central	"
Mch 23.	Ryan, Thos	Patrolman	Central	"
" 1.	Herbert, Geo. W	Detective	Headquarters.	"
" 9.	Emmet, George	Patrolman	Headquarters.	"

The following named officers were reduced in rank during the year: —

TABLE No. 4.

Date.	Name.	Rank.	Dist.	To What.	Remarks.
1886.					
April 1.	Hotfelder, Joseph	Patrolman	4th	Turnkey	At his own request
" 1.	Fries, Joseph	"	2d	"	" " "
" 1.	Simms, William	"	Cont'l.	"	" " "
" 1.	Kiernan, John	"	4th	"	" " "
" 1.	Norris, Joseph	"	4th	"	" " "
" 1.	Faust, Herman	"	4th	"	" " "
" 1.	Hurst, Stephen	"	4th	"	" " "
" 1.	Ryan, Bernard	"	3d	"	" " "
" 1.	Clark, Simon	Sergeant	Cent'l.	"	" " "
" 1.	Hamilton, Isaac	Patrolman	"	Janitor	By the board
" 6.	Eaves, Louis	"	3d	Turnkey	" " "
" 13.	Derr, Charles	"	2d	"	At his own request
May 14.	Flotron, Louis	"	3d	"	" " "
" 30.	Heaven, James	"	4th	"	" " "

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OBITUARY.

The following deaths occurred during the year:—

TABLE No. 5.

Date.	Name.	Age.	Rank.	Nativity.	Dist.	Cause of Death.	Years a Member of the Force.	Amount Police Insurance.	Married or Single.
1886.									
May 18..	Cosgrove, Pat...	48	Patrolman	Ireland....	4th...	Suicide.....	16	$1,000	M.
Sept. 18..	Kohlhund, Chr.	60	"	U. S.....	5th...	Kidney disease..	20	1,000	M.
Oct. 31..	Young, Levi.....	46	"	U. S.....	1st...	Heart disease...	18	1,000	M.

TABLE No. 6.

RECAPITULATION OF THE CHANGES MADE DURING THE YEAR.

	Chief.	Captains.	Sergeants.	Patrolmen.	Probationary Patrolmen.	Detectives.	Emergency Specials.	Turnkeys.	Telegraph Operators.	Patrol Drivers.	Messengers.	Clerks.	Janitors.	Secretary to Chief.	TOTAL.
Appointed	....	....	....	5	3	....	44	1	2	1	5	2	....	....	63
Promotions	1	1	4	58	7	1	5	....	2	....	....	....	....	....	79
Resigned voluntarily	1	....	1	8	....	1	2	11	3	....	1	1	1	1	31
Resigned under charges	....	....	....	3	....	....	....	....	....	....	....	....	....	....	3
Resigned upon request of Board	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1
Reduced upon their own request	....	....	1	11	....	....	....	....	....	....	....	....	....	....	12
Reduced by the Board	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2
Died	....	....	....	3	....	....	....	....	....	....	....	....	....	....	3
Dropped from the Rolls	....	....	....	....	....	....	1	4	....	1	....	1	....	....	7
Dismissed	....	....	....	18	1	....	3	1	....	....	....	....	....	....	23
Total	2	1	7	108	11	2	55	17	7	2	6	4	1	1	294

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TABLE NO. 7.

The following charges against officers were investigated by the Board during the year, of the following nature, viz.: —

Neglect of duty	19
Conduct unbecoming an officer and gentleman	17
Drunk on duty	22
Entering a saloon	12
Maltreating citizens and prisoners	15
Using disrespectful language to superior officer	3
Drinking liquor on duty	4
Disobedience of an order of the Board of Police Commissioners	1
Smoking on duty	1
Using disrespectful language to citizens	2
General inefficiency	1
Asleep on duty	3
Using disrespectful language to brother officer	1
Failing to patrol his beat	4
Not paying his debts	4
Immoral conduct	2
Physical inefficiency	1
Abandoned the force	1
Guilty of lying	1
Drunk on duty and attempting to commit suicide	1
Absent from duty	1
Total	116

Resulting in the following findings by the board:—

Fined and reprimanded	40
Dismissed without prejudice	16
Cautioned	7
Fined	5
Reprimanded	10
Resigned while under charges	5
Charges dismissed	2
Fined and cautioned	1
Officer having died charge was dismissed	1
Charges withdrawn by captain	1
Charges withdrawn by complainant	3
Promised to pay his debts and charges were dismissed	2
Reprimanded and chief ordered to assign officer to beat duty	1
Dismissed the force	22
Total	116

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TABLE No. 8.

TIME TABLE OF THE REGULAR FORCE FOR THE YEAR.

MONTHS.	No. of Days absent with leave.	No. of Days absent without leave.	No. of Days sick.	No. of Days suspended.	Total Days absent.	No. Days served.	No. Days allowed.	TOTAL. First Platoon.	TOTAL. Second Platoon.
1886.									
April..	33	....	346	8	387	15,605	285	7,050	8,840
May ...	63	....	293	18	374	15,942	203	6,870	9,275
June...	31	1	355	6	393	15,421	138	6,635	8,924
July....	76	....	305	15	396	13,892	32	6,756	9,168
Aug....	216	....	252	17	485	15,821	50	6,644	9,227
Sept....	49	1	380	27	457	17,120	10	7,627	9,503
Oct....	146	....	370	45	561	16,049	7	6,965	9,091
Nov....	147	....	366	48	561	15,326	48	6,566	8,808
Dec....	55	....	184	11	250	15,508	14	6,824	8,698
1887.									
Jan....	59	....	227	14	300	15,342	28	7,204	8,166
Feb ...	27	....	357	10	394	14,296	....	6,103	8,193
March .	141	....	415	27	583	15,431	49	6,702	8,778
Total	1043	2	3850	246	5141	187,753	864	81,946	106,671

REMARKS.

It will be seen from this table that the total time made during the year by the regular force was 187,753 days, which is equal to 514 men per day making full time throughout the year. It will be seen also that the total time lost from sickness and other causes was 5,141 days, which is equal to the loss of 14 men per day throughout the year. The number of days made and the number of days lost divided by 365 shows that the strength of the regular force averaged throughout the year 528 men per day as follows: 1 chief, 6 captains, 45 sergeants, 440 patrolman, 10 detectives, 1 chief of detectives, 25 emergency specials. Total, 528.

TABLE No. 9.

TIME TABLE OF THE OFFICERS AND EMPLOYEES OF THE DEPARTMENT.

MONTHS.	No. Days absent with leave.	No. Days absent without leave.	No. Days Sick.	No. Days Suspended.	Total Days absent.	No. Days Served.	No. Days Allowed.	TOTAL. First Platoon.	TOTAL. Second Platoon.
1886.									
April..	3	6	30	4	43	1,942	....	899	1,043
May ...	5	....	29	..	34	2,115	....	1,105	1,110
June...	2	....	7	..	9	2,076	....	1,008	1,068
July....	5	....	16	3	24	2,141	4	1,044	1,101
Aug....	62	....	22	..	84	1,960	....	777	1,183
Sept....	30	....	10	..	40	1,888	....	711	1,177
Oct....	31	....	9	..	40	1,966	....	762	1,204
Nov....	30	....	2	..	32	1,913	....	1,017	896
Dec....	31	....	67	4	102	1,912	....	734	1,178
1887.									
Jan....	36	....	40	..	76	1,938	5	932	1,011
Feb....	38	....	24	..	62	1,721	....	767	954
March .	31	....	33	..	64	2,027	....	834	1,193
Total .	304	6	289	11	610	23,599	9	10,490	13,118

REMARKS.

It will be seen from this table that the total time made by officers and employees during the year was 23,599 days, which is equal to 64 men per day making full time throughout the year. It will be seen also that the total time lost from sickness and other causes was 289 days, which is equal to the loss of 1 man for 9¼ months in the year. The number of days made and the number of days lost divided by 365 shows that the officers and employees of the department averaged 64 men throughout the year as follows: 1 secretary of board, 1 secret'y of chief, 1 carpenter, 1 armorer, 4 clerks, 1 blacksmith, 3 janitors, 19 turnkeys, 10 patrol wagon drivers, 8 telephone operators, 1 matron, 3 messengers, 1 supt. of stables, 2 drivers, 2 night watchmen, 1 feeder, 5 hostlers. Total, 64.

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The following table shows the strength of the regular force, as allowed by law, as well as the various increases authorized since the year 1856, viz. : —

TABLE No. 10.

Chief.	Captains.	Sergeants.	Patrolmen. Foot-men.	Patrolmen. Mounted.	Detectives.	Totals.	Remarks.
....	....	....	150	....	....	150	Allowed by city ordinance No. 3599, approved April 6, 1856.
....	....	....	35	....	....	35	Allowed by city ordinance No. 3885, approved June 9, 1857.
1	3	12	25	....	5	46	Allowed by act of Legislature, approved March 27, 1861.
....	1	....	30	....	....	31	Allowed by act of Legislature, approved December 12, 1863.
....	....	12	....	20	....	32	Allowed by act of Legislature, approved March 13, 1867.
....	....	6	44	....	....	50	Allowed by city ordinance No. 7260, approved May 25, 1870.
....	....	4	50	....	....	54	Allowed by city ordinance No. 7714, approved June 22, 1871.
....	....	3	27	20	....	50	Allowed by city ordinance No. 8030, approved July 10, 1872.
....	2	8	....	....	5	15	Allowed by act of Legislature, approved February 17, 1875.
....	....	....	39	....	....	39	Allowed by city ordinance No. 12,846, approved June 4, 1864.
1	6	45	400	40	10	502	Total.

FINANCES.

The amount of money received by the Board, from various sources, and paid into the City Treasury during the year, was as follows, viz.:

TABLE No. 11.

Month.	Proceeds of voucher 244, 1886 and 1887, annulled on acc't of cancellation of purchase of horse; to credit of all other salaries, etc. — Horses.	Proceeds Feeding Estrays.	Proceeds Sale of Rag Gatherers' Badges.	Proceeds Board of Prisoners.	Proceeds Sale of Unserviceable Police Horses at Auction.	Overpay to Patrolmen Refunded.	Total.
July 21, 1886	.....	.....	.....	.....	.....	$5 00	$5 00
October 18, 1887	$200 00	.....	.....	.....	.....	.....	200 00
January 25	.....	.....	.....	.....	$126 50	.....	126 50
April 11	.....	$1 50	$2 40	$45 50	.....	30 00	79 40
Total	$200 00	$1 50	$2 40	$45 50	$126 50	$35 00	$410 90

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The following table shows the amount of money appropriated to, and the amount of money paid into the City Treasury on account of the various funds, the amount expended out of each, and the balance unexpended and remaining in City Treasury April 1, 1887: —

TABLE No. 12.

Appropriations, Balances, Etc.	Salaries for Chief, Captains, Sergeants, Patrolmen and Detectives.	Salaries for Police Commissioners.	Salary for the Secretary of the Board of Police Commissioners.	Salaries for 10 Patrol Wagon Drivers.
Cr. by appropriation by Ords. 1886-87	$483,441 66	$4,100 00	$2,000 00	$7,360 00
" Overpay to officers returned	35 00			
Total	$483,476 66			
Less Am't bills last fiscal year, 1885-86, paid in 1886-87	1,141 66			
Net appropriations for the fiscal year 1886-87	482,350 00	4,100 00	2,000 00	7,360 00
Amount expended for 12 months	$482,302 24	$4,094 91	$2,000 00	$7,345 85
Balances of appropriations April 13, 1887.	32 76	5 09		14 15

	Salaries for 8 Telephone Operators.	Salaries for 19 Turnkeys.	Salary for 1 Matron.	Salaries for 3 Janitors.
Cr. by appropriation by Ords. 1886-87	$2,400 00	$14,560 00	$480 00	$1,920 00
Net appropriations for the fiscal year 1886-87	2,400 00	14,560 00	480 00	1,920 00
Amount expended for 12 months	$2,381 91	$14,558 94	$480 00	$1,920 00
Balances of appropriations April 13, 1887.	18 09	1 06		

	Salary for 1 Carpenter.	Salary for 1 Blacksmith.	Salary for 1 Superintendent of Police Stables	Salaries for 5 Hostlers.
Cr. by appropriation by Ords. 1886-87	$1,025 00	$900 00	$2,100 00	$3,600 00
Deduct am't transferred to Mun. Rev. 1886-87.				200 00
Net appropriations for the fiscal year 1886-87	1,025 00	900 00	2,100 00	3,400 00
Amount expended for 12 months	$1,025 00	$900 00	$2,100 00	$3,393 51
Balances of appropriations April 13, 1887.				6 49

	Salary for 1 Feeder.	Salaries for 2 Drivers.	Salaries for 3 Night Watchmen.	Salary for 1 Secretary to Chief of Police.
Cr. by appropriation by Ords. 1886-87	$780 00	$1,440 00	$1,500 00	$1,500 00
Deduct am't transferred to Mun. Rev. 1886-7			50 00	
Net appropriations for the fiscal year 1886-87	780 00	1,440 00	1,450 00	1,500 00
Amount expended for 12 months	$777 90	$1,434 68	$1,423 64	$1,500 00
Balances of appropriarions April 13, 1887.	2 10	5 32	26 36	

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	Salaries for 4 Clerks.	Salaries for 3 Messengers.	Salary for Chief of Detectives.
Cr. by appropriation by Ords. 1886-87.....	$3,400 00	$720 00	$1,800 00
Deduct am't transferred to Mun. Rev. 1886-87..	60 00	70 00	450 00
Net appropriations for the fiscal year 1886-87..	3,340 00	650 00	1,350 00
Amount expended for 12 months.....	$3,325 81	$648 92	$1,350 00
Balances of appropriations April 13, 1887.	14 19	1 08	.....

	Current Expenses for horses.	Current Expenses for forage, pasturing, Secret Service, necessary supplies & petty expenses, etc.	Current Expenses for labor & material for necessary repairs to stations & stables, requiring prompt attention.	All other salaries and current expenses aggregate.
Cr. by appropriation by Ords. 1886-87.....	$2,500 00	$27,570 00	$2,500 00	$83,155 00
" am't retd. to City Treas'y Oct. 18, 1886..	200 00	.....	.....	200 00
				$83,355 00
Deduct am't transferred to Mun. Rev. 1886-87.	.....	3,000 00	500 00	4,230 00
Net appropriations for the fiscal year 1886-87..	2,700 00	24,570 00	2,000 00	79,025 00
Amount expended for 12 months.....	$2,700 00	$24,552 98	$2,000 00	$78,914 05
Balances of appropriations April 13, 1887.	.....	17 02	.....	110 95

	Police. For erection of new stable on Lacelede ave.	Police. For purchase of lot for building site for stationhouse in Fourth District.		
Cr. by appropriation by Ords. 1886-87.....	$2,500 00	$3,500 00		
Net appropriations for the fiscal year 1886-87..	2,500 00	3,500 00		
Amount expended for 12 months.....	$2,500 00	$3,500 00		
Balances of appropriations April 13, 1887.	.....	.....		

The following table shows, under respective appropriations, the detailed expenditures of the department during the year ending April 1st, 1887: —

TABLE NO. 13.

PAY ROLLS, CHIEF, CAPTAINS, SERGEANTS, PATROLMEN AND DETECTIVES.

Chief, captains and sergeants "and chief of detectives" for April, May and June "'86"	$ 66,496 06
Patrolmen	399,812 10
Detectives	11,824 08
100 emergency specials employed during Sept. and Oct. "'86"	4,170 00
Total	$482,302 24

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ALL OTHER SALARIES AND CURRENT EXPENSES — SALARIES.

Commissioners	$4,094 91
Secretary to the board	2,000 00
10 Patrol wagon drivers	7,345 85
8 Telephone operators	2,381 91
19 Turnkeys	14,558 94
1 Matron	480 00
3 Janitors	1,920 00
1 Carpenter	1,025 00
1 Blacksmith	900 00
1 Superintendent of police stables	2,100 00
5 Hostlers	3,393 51
1 Feeder	777 90
2 Drivers	1,434 68
2 Night watchmen	1,423 64
1 Secretary to chief of police	1,500 00
4 Clerks	2,325 81
3 Messengers	648 92
1 Chief of detectives for 9 months, years "'86-'87"	1,350 00
Total:	$49,661 07

CURRENT EXPENSES — MOUNTED DISTRICT.

Horses	$2,700 00
Forage, pasturage and bedding	6,440 48
Harness repairs	353 05
Vehicles, new	140 00
" repairs	249 20
Horse shoeing and materials, etc	157 59
Miscellaneous, drugs, brushes, etc	646 59

PATROL WAGON SYSTEM MAINTAINING.

Telephone rent	$1,413 82
Harness and repairs	62 75
Vehicles and repairs	701 52
Repairs and alterations in patrol wagon system	420 00
Miscellaneous	214 19

OTHER CURRENT EXPENSES.

Rent, taxes and insurance	$942 05
Fuel and ice	1,271 15
Light	4,429 52
Office expenses, furniture, etc	725 74
Printing and stationery	1,162 64
Hauling and feeding prisoners	1,008 53
Secret service	999 50
Miscellaneous, brooms, buckets, towels, soap, etc	1,792 04
Hauling ashes and manure, and washing towels	548 25
Feeding and lodging patrolmen, Mch. and Apl. account of strike	874 37
Total	$24,552 98

BUILDINGS OF POLICE DEPARTMENT.

Labor and material for necessary repairs and alterations	$2,000 00
Aggregate	$78,914 05

NEW STATION HOUSE.

Purchase of Lot 10th and North Market for new station house	$3,500 00
Erection of stable on Laclede Ave	2,500 00

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The following table shows, under their respective appropriations, the estimates in detail made by the Board of the amount of money required to defray the expenses of this department for the fiscal year ending April 1st, 1888; also amounts necessary to pay salaries of employees remaining unpaid for fiscal year ending April 13th, 1887; build a main station in the 4th District and sub-station in Forest Park; provide for the pay of one hundred additional patrolmen, twenty additional sergeants and five additional detectives; change the police district telephone system and establish the patrol wagon system in the 4th and 2d Districts, and complete telephone system in the 5th District.

TABLE NO. 14.

PAY-ROLLS, CHIEF, CAPTAINS, SERGEANTS, PATROLMEN AND DETECTIVES.

1 Chief, 6 captains, and 45 sergeants	$ 68,300 00
440 Patrolmen	396,000 00
10 Detectives	12,000 00
Total	$476,300 00

ALL OTHER SALARIES AND CURRENT EXPENSES.

Commissioners and treasurer	$ 4,500 00
1 Secretary of the board	2,500 00
10 Patrol wagon drivers	7,200 00
8 telephone operators	2,400 00
19 Turnkeys and 5 additional to be appointed	17,280 00
1 Matron and 1 " " "	960 00
3 Janitors	1,920 00
1 Carpenter	1,200 00
1 Blacksmith	900 00
1 Superintendent of police stables	2,100 00
5 Hostlers and 1 additional to be appointed	4,320 00
1 Feeder	780 00
2 Drivers at $720 and 1 additional to be appointed at $540 per year	1,980 00
2 Night watchmen	1,500 00
1 Secretary to chief of police	1,500 00
4 Clerks — 3 at $720, 1 at $240 and 10 additional at $720	9,600 00
3 Messengers	720 00
1 Chief of detectives	1,800 00
Total	$63,160 00

CURRENT EXPENSES.

Horses	$3,000 00

MOUNTED DISTRICT.

Forage, pasturage and bedding	$7,000 00
Harness, new	250 00
" repairs	400 00
Vehicles, new	200 00
" repairs	600 00
Horse shoeing, materials, etc	200 00
Miscellaneous, drugs, brushes, etc	700 00

PATROL WAGON SYSTEM MAINTAINING.

Telephone rent	$2,745 00
Harness and repairs,	350 00
Vehicles " "	1,000 00
Repairs and alterations in patrol wagon system	500 00
Miscellaneous	300 00

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OTHER CURRENT EXPENSES.

Rent, taxes and insurance	$1,000 00
Fuel and ice	1,300 00
Light	5,000 00
Office expenses, furniture, etc	700 00
Printing and stationery	1,800 00
Hauling and feeding prisoners	1,100 00
Secret service	2,500 00
Miscellaneous, brooms, buckets, towels, etc	2,500 00
Hauling ashes and manure, and washing towels	600 00
For services of medical inspector, and medical and surgical attendance to members of the force under direction of the board	2,000 00
Total	$32,745 00

BUILDINGS OF POLICE DEPARTMENT.

Labor and material for necessary repairs and alterations	$4,000 00
Aggregate	$102,905 00

BILLS 1886–87 REMAINING UNPAID APRIL 1ST, 1887.

Salaries of 2 drivers for March, 1887, at $60 per month	$120 00
" " 1 turnkey for December, 1886, January, February and March, 1887, at $60 per month	141 63
Bills on account of current expenses for March, 1887	752 50
Total	$1,014 13

NEW STATION HOUSES.

Erection of new station on lot on the southeast corner of Tenth and North Market Streets	$20,000 00
Erection of Fifth district new sub-station in Forest Park	1,000 00
Total	$21,000 00

NEW STATION HOUSES.

We have asked for an appropriation for the building of a new Main Station in the 4th District, and as this is one of the most pressing needs of the Department, we feel called upon to repeat what we stated last year on this subject. The one at present in use, northeast corner 10th and North Market Streets, is an unsubstantial structure, erected in 1872 on leased ground, and is in such a condition, so unsightly in appearance and so inadequate in size, that the business of the Department in that District is greatly hampered. Moreover, owing to its age and original weakness of construction, it is, as has been declared by a competent expert, liable to collapse at any time. The Department is now paying for the use of these wholly unsuitable premises, a sum in ground rent and taxes equal to 6 per cent per annum upon $11,600, when the ground, upon a most liberal estimate, is not worth over $1,500. The building will have to be abandoned within a short time, owing to its unsafe condition, which it is not in the power of the Board to remedy. A lot has been purchased with the appropriation made for that purpose last year, on the southeast corner 10th and North Market Streets, and a building entirely suitable to the needs of the Department could be con-

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structed thereon for $20,000, which would include, also, a patrol wagon house and all the essentials of a complete police station. We cannot overstate the importance and desirability of this improvement, and we sincerely hope that the estimate asked for will be made. We have also asked for a small appropriation to build a Sub-station in Forest Park; the desirability of this is so great and so apparent as to need no comment.

PROPOSED INCREASE OF FORCE.

20 additional sergeants	$24,000 00
100 " patrolmen	90,000 00
5 " detectives	6,000 00
Total	$120,000 00

PROPOSED CHANGE OF POLICE DISTRICT TELEPHONE SYSTEM.

Amount necessary to alter the present system so that all communications to and from the various Police Districts can be made through office of Chief of Police direct, cost of apparatus as per estimate of Superintendent E. Hilgendorf	$100 00
Salary of 2 operators at $720 per annum	1,440 00
Total	$1,540 00

PROPOSED CHANGE OF POLICE DISTRICT TELEPHONE SYSTEM.

Another matter of considerable importance to which we desire to call your attention, is that of the separation of the Police District Telephone System from that of the Fire Department. At present, both of these systems center at the main fire alarm station at the court house. As can readily be seen, delay and confusion often result from this combination, which was originally established from motives of economy. The small sum estimated by us to cover the expense of separating these systems is very insignificant as compared with the benefit to result both to the Fire and Police Department. We trust that you will see your way clear to making this appropriation.

PROPOSED EXTENSION OF THE PATROL WAGON SYSTEM.

Extending Patrol Wagon System in Second and Fourth Districts and completion of Telephone System in Fifth Police District as per estimate of E. Hilgendorf, Superintendent of Fire and Police Telegraph	$14,000 00
Salary of four Police Wagon Drivers, and four Telephone Operators if systems extended	4,080 00
Total	$18,080 00

EXTENSION OF PATROL WAGON SYSTEM.

In regard to the police patrol system, we find that each year of experience adds to its efficiency and value. The rapid extension of the city in a westwardly direction, necessarily draws away from the old centers of population a large proportion of our force. The opening up the parks by street railway extensions has also necessitated the covering of a large extent of territory with additional police protection.

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With our small force, these drafts upon our resources would have crippled the efficiency of the department to a much greater extent than it has, had it not been for the valuable assistance afforded by the patrol system. It secures the prompt arrest of criminals, disperses dangerous crowds often before any damage is done, enables the officer making the arrest to remain on his beat while the prisoner is taken to the station in the wagon, and avoids the painful and often disgusting spectacle of drunken and violent prisoners being dragged through the streets. The rapid growth of the western part of the city and the important business enterprises under way and contemplated in the near future in the northern wards make an extension of this system into these districts an imperative necessity. Citizens of these sections of city are constantly urging us to afford them the facilities of boxes and wagons, which of course we are unable to do without the necessary appropriation. We would earnestly impress upon you, therefore, the importance of providing in the general appropriation bill, for this necessary addition to the facilities of our department.

RECAPITULATION OF THE FOREGOING ESTIMATES.

Pay-rolls, chief, captains, sergeants, patrolmen, and detectives	$476,300 00
Pay-rolls, all other salaries, commissioners and employees	63,160 00
Horses	3,000 00
Current expenses, forage, etc.	32,745 00
Labor and material for necessary repairs to stations and stables	4,000 00
Salaries of employees and bills remaining unpaid	1,014 18
Erection of new station houses	21,000 00
Proposed increase of force	120,000 00
Proposed change of police district telephone system	1,540 00
Extension of patrol wagon system	18,080 00
Total	$740,839 18

OFFICE OF POLICE STABLES, April 1, 1887.

Hon. Board of Police Commissioners:

GENTLEMEN — I have the honor to report for your information that the following is the expenses for the mounted police stables for the fiscal year beginning April 1st, 1886, and ending April 1st, 1887.

Average number of horses kept during the year was 73:

To:—

Hay	$2,558 68
Oats	3,012 70
Bran	180 05
Crushed seed	602 28
Spiced food	14 00
Shavings for mounted stables	180 00
Flaxseed, oils, chamois, arnica, etc., for stable use	116 53
Repairs on prisoners' van	4 60
General repairs on vehicles	233 60
Difference in exchange of buggies	140 00
Pasturage of all horses except patrol horses	193 67
Cord wood for office	4 25
Horse drugs	39 05
Sponges, etc	43 27
Brushes and curry combs for stable use	28 00
Supt. of stables and all other employees	9,669 73

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Cement for stable use	60 50
Repairing harness, saddles, bridles, etc	351 15
General repairs on stable	138 25
Underpinning west wall of stable	105 61
Electric bell for stable use	5 00
Time book for stable use	6 00
Spurs	9 00
Hay truck	5 75
Damage done by horses escaping from pasture	10 00
Repairing hand cuffs	1 50
Washing lap robes, nets, etc	44 37
Hose for stable use	15 00
Guttering and spouting police stables	46 40
Purchase of horses	1,947 00
Total	$19,765 94
Deduct the feeding of 16 patrol horses	1,255 60
Total	$18,510 34

PATROL WAGON SERVICE.

To: —	
Feeding of 16 horses	$1,255 60
Repairs on patrol wagons	692 52
" harness, etc	64 65
Hauling manure	120 00
Shavings	230 00
Pasturage of horses	100 00
Flaxseed, oils, chamois, arnica, etc	58 26
Sponges, etc	43 28
Brushes and curry combs	20 00
Drivers for patrol wagon service	720 00
Purchase of horses	1,185 00
Repairing lamps, etc	14 05
Total	$4,503 36
Amount of police stable expenses brought forward	18,510 34
" patrol " " " "	4,503 36
" blacksmithing and horseshoeing	840 94
Total	$23,854 64
From sale of unserviceable horses $827 50	
Turned over to Board of Police Commissioners to be paid into city treasury for account municipal revenue 126 50	$701 00
Leaves net cost of all stables during year	$23,153 64

I would also state that the amount of money drawn from the city treasurer during the year for the purchase of horses for the department was $2,500.

The cost of feeding police horses during the year was (21½) twenty-one and one-half cents per day for each horse. I respectfully recommend to the Board that the following estimates of the department carpenter for necessary repairs of police stables be allowed, viz.: ($1,900) nineteen hundred dollars.

Very respectfully,

WM. R. FAULKNER,
Superintendent Police Stables.

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HORSESHOEING.

Our second year's experience in having the department horseshoeing and blacksmithing done at our own shop is even more gratifying than the first; the result of which is shown in our report of April 13, 1886. As shown by the report of our superintendent of stables for year ending April 15, 1887, incorporated herewith, the cost of each set of shoes, including all necessary removes, was 89 cents, as against $2.00 per set formerly paid to contractors for the same work, to which is to be added 25 to 50 cents per set for removes, which was formerly paid for that work. The establishing of the shop has resulted in not only a great saving of money to the department, but also in a very satisfactory saving of time of patrolmen, as it frequently happened in the past, when shoeing was done by contract, that long delays resulted in having the horses shod or their shoes removed, in consequence of which officers of the mounted force were often kept from their beats for a considerable length of time. We now have our own blacksmith, with a shop just across the street from our stable. Horses are shod and removes are made at such times that no delay ever arises, and no patrolman's time is now lost on this account. The addition of the brick shops on the lot purchased last year, which was done partly with the appropriation made for that purpose and partly by the labor of the department carpenters, has proved a most economical and satisfactory investment.

STATENENT OE EXPENSES OF BLACKSMITHING AND HORSESHOEING OF POLICE DEPARTMENT FOR YEAR ENDING APRIL 1ST, 1887.

Cost of new shoes, iron, nails and other supplies for shoeing and general repairs		$153 09
Amount for horseshoeing paid to outside parties for horses in Carondelet, too far from shop to be shod by department without much loss of time		41 50
Blacksmith's salary from April, 1886, to April, 1887		900 00
Total		$1,057 59
Deducting value of material on hand April 1, 1887	$50 00	
Deduct amount of general repairs done to department vehicles formerly done in outside shops	166 65	
Total		$216 65
Leaves net cost of shoeing and removals for year		$840 94
Total number of new shoes and removals during year		3,779

This shows the total cost of shoes and removals during the year to be 89 cents per set for each of the 73 horses owned by the department.

ST. LOUIS, April 1st, 1887.

To the Honorable Board of Police Commissioners:

GENTLEMEN — I have the honor to submit for your information the fourth annual report of the financial condition of the St. Louis Police Relief Association:

April 1st, 1886.	Balance on hand	$10,606 45
	Receipts for year	10,288 75
Total amount for year		$20,895 20

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EXPENSES.

1886.		
Sick Benefits, April		$631 50
" May		510 00
" June		472 00
" July		433 50
" August		412 50
" September		445 50
" October		583 50
" November		643 50
" December		495 00
1887.		
Sick Benefits, January		581 50
" February		675 00
" March		556 50
Total		$6,440 00

DEATH BENEFITS.

1886.		
June.	Patrolman Patrick Cosgrove	$1,000 00
October.	" Christian Kohlhund	1,000 00
November.	" Levi Young	1,000 00
April.	" Michael O'Gara's wife	100 00
June.	Turnkey Anton Hoelzeman's "	100 00
1887.		
January.	Patrolman James Joyce's wife	100 00
Total		$3,300 00

FULL VETERAN BENEFITS.

1886.		
May.	Serg't Sam C. Brown	$1,000 00
June.	Turnkey Ben Anderson	1,000 00
September.	" Oswald Jacobs	1,000 00
Total		$3,000 00

MONTHLY VETERAN BENEFITS.

Charles Kick	$450 00
John Corcoran	450 00
Edward Kavanaugh	450 00
Chas. Wasserberger	412 50
Oliver Bradley	300 00
Total	$2,062 50

1886.		
Sick benefits paid		$6,440 00
Death " "		3,300 00
Incidental expenses		500 70
Veteran benefits paid		5,062 50
Total		$15,303 20
April 1st, 1886.	Amount on hand	$10,606 45
	Receipts for year	10,288 75
		$20,895 20
	Expenses for year	15,303 20
	Balance on hand	$5,592 00
April 1st, 1886.	On hand	$10,606 45
" 1887.	"	5,592 00
Decrease in year		$5,014 45

Very respectfully,

CHARLES BIEHLE,

Secretary St. Louis P. R. Association.

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POLICE DISTRICTS.

STATIONS AND DISTRIBUTION OF FORCE.

The following are the boundaries of each Police District as at present established. The number of officers and men assigned to each, and the valuation of the "Real Estate" and "Personal Property" belonging to the Department at each station and sub-station, to wit:—

THE FIRST DISTRICT

embraces that portion of the city lying between the River des Peres on the south, Osceola Street on the north, and from Grand Avenue to the Mississippi River.

The only police station in this district is located on the southwest corner of Second and Taylor Streets, South St. Louis, and cost, with the lot, in 1876, $11,000. The personal property belonging to the department at this station is estimated at about $200.00. This district containing about 45,000 inhabitants, and three square miles of police territory, is guarded by the following force, to wit:—

Capt. Sam J. Boyd, Commanding District.

Sergeants	2
Patrolmen	16
Emergency specials	2
Clerk	1
Turnkey	1
Patrol Wagon drivers	2

THE SECOND DISTRICT

embraces that portion of the city lying between Osceola Street on the south, Park Avenue and Miller Street on the north, and from Jefferson Avenue to the Mississippi River. The main police station in this district is at 714 Soulard Street, and cost with the lot, in 1873, $24,000. The personal property belonging to the Department at this station is estimated at about $425.85. The first sub-station in this district is situated at northeast corner Eighth and Gate Streets, and cost, with the lot, in 1880, $12,000. The personal property belonging to the Department at this sub-station, is estimated at about $180.25. The second sub-station in this district is situated in Lafayette Park, and was built in 1867, conjointly by the Police Board and Park Commissioners. The personal property at this sub-station belonging to the Department is estimated at about $10,100. This district, containing about 70,000 inhabitants, and four and one-half square miles of police territory, is guarded by the following force, to wit:

Capt. Henry Frangel, Commanding District.

Sergeants	7
Patrolmen	49
Emergency specials	6
Turnkeys	4

THE CENTRAL DISTRICT

embraces that portion of the city lying between Park avenue and Miller street on the south, Washington avenue on the north, and from Jefferson avenue to the Mississippi river.

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The main station of this district is at the Four Courts building, Eleventh and Clark avenue, which belongs to the city.

The personal property belonging to the department at this station is valued at about $320.00. The sub-station of this district is at 113 Chestnut street, and cost, with the lot, in 1877, $21,500. The personal property belonging to the department at this sub-station, is valued at about $80. This district contains about 115,000 inhabitants and two and one-half square miles of police territory, and is guarded by the following force, to wit: —

Capt. Joseph Hercules, Commanding District.

Sergeants	15
Patrolmen	124
Emergency specials	2
Clerk	1
Turnkeys	4
Patrol drivers	4
Telephone operators	4
Messengers	1
Matron	1

THE THIRD DISTRICT

embraces that portion of the city lying between Washington avenue on the south, Cass avenue on the north, and from Grand avenue to the Mississippi river. The main station of this district is at southwest corner of Seventh and Carr streets, and cost with the lot, in 1874, $29,000. The personal property belonging to the department at this station is valued at about $575.00. The sub-station of this district is on the southwest corner of Dayton street and Jefferson avenue, and cost, with the lot, in 1880, $13.000. The personal property belonging to the department at this sub-station is valued at about $350.00. This district contains about 110.000 inhabitants, and two and one-half square miles of police territory and is guarded by the following force, to wit: —

Capt. Edward J. McDonald, Commanding District.

Sergeants	7
Patrolman	90
Emergency specials	5
Turnkeys	4
Janitor	1
Patrol drivers	4
Telephone operators	4
Messenger	1

THE FOURTH DISTRICT

embraces that portion of the city lying between Cass avenue on the south, Carrie avenue on the north, and from Grand avenue and Bellefontaine road to the Mississippi river. The main station of this district is on the northeast corner of Tenth and North Market streets, and is the only rented station in the department. The personal property belonging to the department at this station is estimated at about $215. The sub-station of this district is on the southwest corner of Ninth and Angelica streets, and cost, with the lot, in 1876, $12,000. The personal property belonging to the department at this sub-station is estimated at about $85. This district contains about 60,000 inhabitants, and five square

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miles of police territory, and is guarded by the following force, to wit: —

Capt. Peter Joyce, Commanding District.

Sergeants	7
Patrolmen	66
Emergency specials	3
Turnkeys	3
Clerk	1

THE FIFTH OR MOUNTED POLICE DISTRICT

embraces all that portion of the city lying outside of the foregoing boundaries. The main station is at 2835 Market street, and cost, with the ground and police stables and blacksmith shop attached, $28,708.34. The personal property belonging to the department at this station, not including the horses and equipage, is estimated at about $75. The first sub-station is in the Fair Grounds, and belongs to the Fair Grounds Association. The personal property belonging to the department at this sub-station, is estimated at about $30. The second sub-station of this district is on the southeast corner of Clay avenue and St. Charles rock road. The building and lot cost the department, up to the year 1882, the sum of $3,265.40. The personal property at this sub-station belonging to the department is estimated at about $30. The district contains about 40,000 inhabitants, and forty-five square miles of police territory, guarded by the following force, to wit: —

Capt. Thos. L. Fruchte, Commanding District.

Sergeants	7
Patrolmen	31
Emergency specials	5
Turnkeys	3
Messengers	1

POLICE HEADQUARTERS.

The force at police headquarters consists of: —

Commissioners	4
Secretary of board	1
Chief of police	1
Secretary to chief	1
Chief of the detectives	1
Detectives	10
Patrolmen	14
Emergency Specials	2
Carpenter	1
Armorer	1
Janitors	2
Total	38

The personal property belonging to the department at police headquarters is estimated at about $2,000.

POLICE STABLES.

Superintendent and clerk	2
Blacksmith	1
Drivers and hostlers	10

The personal property at the Police Stables is estimated at about $16,000 00.

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TABLE No. 15.

RECAPITULATION OF DISTRICTS AND STATIONS, DISTRIBUTION OF FORCE, ETC., APRIL 1ST, 1886

DISTRICTS.	REGULAR FORCE.							COMMISSIONERS & EMPLOYEES.										GRAND TOTAL.	Population.	Police Territory (sq. miles).	Number of Stations.	Value of Stations.	Value of Personal Property.	Total Value.
	Chief.	Captains.	Sergeants.	Patrolmen.	Emergency Specials.	Chief of Detectives and Detectives.	Total.	Commissioners.	Secretaries.	Clerks.	Turnkeys.	Janitors.	Stable Supt., Blacksmith and Hostlers.	P. W. Drivers.	Telephone Operators.	Messengers.	Matron.	Carpenter.	Armorer.	Total.						
First	..	1	2	16	2	....	21	..	..	1	1	..	....	2	..	..	..	..	..	4	25	45,000	3	1	$11,000 00	$200 00	$11,200 00
Second	..	1	7	49	6	....	63	..	..	..	4	..	....	..	..	..	..	..	..	4	67	70,000	4½	3	36,000 00	716 10	36,716 00
Central	..	1	15	124	2	....	142	..	..	1	4	..	....	4	4	1	1	..	..	15	157	115,000	2½	2	21,500 00	460 00	21,960 00
Third	..	1	7	90	5	....	103	..	..	..	4	1	....	4	4	1	..	..	..	14	117	110,000	2½	2	42,000 00	925 00	42,925 00
Fourth	..	1	7	66	3	....	77	..	..	1	3	..	....	..	..	..	..	..	..	4	81	60,000	5	2	12,000 00	300 00	12,300 00
Fifth	..	1	7	81	5	....	94	..	..	..	3	..	....	..	..	..	1	..	..	4	98	40,000	45	3	31,973 74	135 00	32,108 74
Headquarters	1	..	..	14	2	11	28	4	2	..	..	2	....	..	..	..	..	1	1	10	38	.....	....	..	.....	2,000 00	2,000 00
Police Stables	..	..	..	....	..	....	....	..	..	1	..	..	12	..	..	..	..	..	..	13	13	.....	....	..	.....	16,000 00	16,000 00
Total	1	6	45	440	25	11	528	4	2	4	19	3	12	10	8	3	1	1	1	68	596	440,000	62½	13	$153,473 74	$20,676 10	$174,149 84
GRAND TOTAL																					596						$174,149 84

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CHIEF'S REPORT OF INSPECTION TOUR.

OFFICE OF THE CHIEF OF POLICE,
ST. LOUIS, MO., January 4th, 1887.

Hon. Board of Police Commissioners:

GENTLEMAN. — In compliance with your orders detailing me to make a tour for the purpose of inspecting the workings of the Police Departments of the principal Eastern cities, I started on December 1st, 1886, and visited the departments of the following cities, viz.:

Washington, Baltimore, Philadelphia, New York, Boston, Cleveland and Chicago, and I find as follows: —

HOURS OF DUTY.

The hours of duty vary somewhat in every city, most of them, however, have three reliefs, some change their relief so as to equalize the hours of duty between day and night, while some have permanent day and permanent night reliefs. The city of New York has four reliefs, none of which serve less than two nor exceeding six hours at any one time, and are so changed as to give each relief equal day and night duty. Every department, except that of Cleveland, has a reserve at each station, both day and night, which performs all extra duties and the patrol on active beat duty is never called upon to perform such extra duty except in great emergencies.

OFFICERS.

Every department has an assistant or deputy chief or inspector, captains, lieutenants and sergeants. Some departments employ roundsmen, who act in the capacity of patrol sergeants. Roundsman, however, is not a rank, and no extra pay is allowed them for their services.

POLICE SURGEONS.

Every department has one or more regular surgeons whose duty it is to examine all applicants, visit the sick, and report upon their condition, from time to time, and to prescribe for them if so desired.

OFFICERS IN CHARGE.

In no department did I find an officer of lower rank than that of a lieutenant or sergeant in charge of a district station.

INSPECTION AND PAY.

No department assembles its force and leaves an entire district unprotected for the time being for inspection and pay. Captains draw the money for their respective commands and pay at roll call. Inspection is had by the board, chief, assistant chief, or inspector from time to time and at roll call.

UNIFORMS.

The uniform generally worn is similar to our own, except the dress coat, which is single breasted. The cloth used is of domestic manufacture and gives general satisfaction. The helmet is abandoned during the winter and substituted by a heavy cloth cap.

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ARMS.

The arms used in nearly all the departments are a 38 calibre Colt's revolver and a club of various sizes and shapes. Belts are generally dispensed with except on parade.

DRILL.

The military drill has been discontinued in all departments and substituted by a club or gymnastic exercise.

TELEPHONE.

No department is obliged to transact its business through the agency or assistance of any other department, switch boards being established at headquarters and all station houses can be called direct.

STATION HOUSES.

The station houses in the city of Baltimore appear to me the best planned and equipped of any other city. The first floor is used for office, calaboose and lodging purposes, each being separate and apart from the other. The second floor is used for sleeping apartments for officers and reserves. The third floor has a fully equipped gymnasium for the exercise of the officers while off duty or on reserve. It is claimed that the officers derive much benefit from such exercise and appreciate the chances thus offered to improve their physique.

In conclusion, I beg leave to state that considering the small force of this Department and the unusually long hours they have to serve in comparison with other Departments, the discipline and efficiency compare favorably with that of any other Department, but the time is at hand when a change for the better police protection of our citizens and their property is imperatively demanded. The establishment of a reserve force at each station house and the reduction of the hours of duty is an absolute necessity. For that purpose an increase of the force is sufficiently apparent to need no comment. For the better discipline of the force the offices of Inspector, Police Surgeon and Lieutenant should be created and the number of sergeants increased. I would also suggest that the present mode of paying and inspecting the force be changed so as not to withdraw from their beats the force of an entire district at one time; that the drill with muskets be abolished and substituted by a club exercise. I would further suggest the separation of the Police District Telephone system from the various city departments having a trunk line from police headquarters to the central telegraph station in the Court House and the extension of the patrol wagon system. All of which is respectfully submitted.

Very respectfully,

ANTON HUEBLER,

Chief of Police.

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PHYSICAL CONDITION OF THE FORCE.

We call your attention to the tables showing the amount of lost time in the Department for the year, amounting to 4,139 days, or an average of 12 patrolmen absent each day in the year on account of sickness. In this connection, we desire to emphasize the necessity of the appropriation asked for under the head of medical and surgical "attendance" to members of the force. Much of the lost time is due to the want of any medical or surgical attendance on account of the expense incident thereto, and much is also due to the fact that upon the presentation to the Board of a lost time certificate signed by any physician, who certifies that the officer during that time was unable to perform duty, it is customary with the Board to allow pay, provided the disability arose from extraordinary police service, and upon such allowance being made the officer receives a *per diem* from the Police Relief Association in addition to his pay. It frequently results from this that when the medical attendant of the officer is incompetent or designing, the officers themselves are deceived as to their condition and their services are lost to the Department while, under the circumstances, we are bound to allow their pay and the Relief Association is also subjected to a heavy and unnecessary tax. If we were able to provide medical and surgical attendance to all the members of the Department, without expense to them, at the hands of a competent professional man acting under orders of the Board and not paid by the members of the Department, we could secure in all cases an accurate and reliable statement of the condition of the invalid, with the aid of which we would be able to save to the city many thousands of dollars and much valuable time. We regard this appropriation as one of the most important we have asked for and as a measure of practical economy, the result of which will, we are satisfied, be of great value to the city.

INCREASE OF THE FORCE.

The discipline and efficiency of the police force was never better than at the present time. This is evidenced by the unusual amount of work accomplished, and the extensive area of territory protected, by the limited and inadequate number of men at our command. The record of this department will compare more than favorably with that of any city in the country. The present chief, Col. Anton Huebler, who assumed command May 4, 1886, has given close attention to the discharge of his duties and manifested eminent fitness for that responsible position.

The Board sent him on a tour of inspection of the police departments of the East last winter, and forwards herewith a copy of the report made by him on his return. The changes recommended by him have been adopted to the extent feasible with the limited number of men at our disposal.

We desire to strongly urge you to grant an addition of 100 patrolmen, 20 sergeants and 5 detectives to the police force. That every department of the municipal government makes annual demands for additions, improvements and increased appropriations, we are well aware, but no branch is more important, and in no one is the necessity for an increase now so imperative as in the police department. The

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force has not kept pace with the city's increase in population, and is wholly incommensurate with the large expanse of territory it is called upon to protect. Whilst all the members of the force cheerfully perform whatever duties are assigned them, their endurance is often overtaxed, and at times large sections of the city are left without police protection. The partial disbanding of the State militia offers another argument, if any should be needed, for an increase in the police force of the city. Your duty and ours to the people whose lives and property it is our obligation to protect, demand that this oft-repeated request should no longer be ignored or neglected.

All of which is respectfully submitted.

DAVID R. FRANCIS,
Mayor, and Ex-Officio President.
JAMES L. BLAIR,
Vice-President.
FRANK GAIENNIE,
Purchasing Member.
OLIVER P. GOODING,
Commissioner.
E. WILKERSON,
Treasurer.

Attest: FRANK R. TATE, *Secretary.*

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REPORT

OF THE

CHIEF OF POLICE.

OFFICE OF CHIEF OF POLICE,
ST. LOUIS, MO., April 10th, 1887.

Hon. Board of Police Commissioners:

GENTLEMEN — I have the honor to forward the annual statistical report of this Department for the year ending March 31st, 1887.

Very respectfully,

ANTON HUEBLER,
Chief of Police.

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TABLE No 1.

STATISTICAL TABLE OF ARRESTS—STATE CASES.

VIOLATIONS OF STATUTES OF MISSOURI.	April, 1886.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Jan. 1887.		Feb.		March.		TOTAL.	MALES.	FEMALES.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.			
Arson	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	1	....	4	4	....
Assault to kill	19	....	27	1	15	....	36	5	18	5	24	5	22	1	15	2	13	....	8	....	12	4	20	....	255	229	26
Assault and battery	5	....	15	....	3	....	6	1	3	....	12	....	7	1	8	....	10	....	....	2	2	....	8	3	84	79	5
Attempt at larceny	1	....	1	....	....	....	....	....	3	....	1	....	5	....	6	....	1	....	....	1	....	....	....	1	19	18	1
Abortion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	2	2	....
Abandoning wife and child	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	....	....	7	7	....
Attempt at rape	....	....	3	....	2	....	2	....	6	....	1	....	....	....	1	....	1	....	....	....	1	....	1	....	18	18	....
Abduction	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	3	3	....
Attempt at robbery	....	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	4	....
Attempt at burglary	....	....	....	....	....	....	2	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	1	....	6	6	....
Adultery	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	3	2	1
Burglary and larceny	17	1	25	....	16	....	17	....	13	1	15	....	26	1	20	....	17	....	15	....	12	....	15	....	211	208	3
Burglary	2	....	....	....	5	....	3	....	....	....	....	....	....	....	1	....	....	....	....	....	3	....	....	....	14	14	....
Bigamy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....
Compounding a felony	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	2	....
Conspiracy	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
Criminal negligence	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	....
Cruelty to animals	9	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	9	....	24	24	....
Deserter U. S. army	....	....	2	....	....	....	....	....	....	....	4	....	....	....	2	....	2	....	....	....	5	....	1	....	16	16	....
Embezzlement	....	....	3	....	2	....	2	....	4	....	4	....	6	....	7	....	2	....	5	....	1	....	4	....	40	40	....
Forgery	1	....	1	....	2	....	4	....	6	....	5	....	2	....	1	....	....	....	....	....	5	....	....	....	27	27	....
Fugitive from justice	15	....	7	....	8	....	4	....	4	....	9	....	6	....	4	....	1	....	7	....	....	....	11	....	76	76	....
Fraud	....	....	3	....	3	....	5	....	....	....	....	....	....	....	2	....	4	....	7	....	....	....	6	....	30	30	....
Fraudulent voting	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	2	....
Gambling	3	....	8	....	....	....	4	....	7	....	1	....	9	....	9	....	....	....	15	....	....	....	3	....	59	59	....
Highway robbery	20	....	3	....	4	....	8	....	5	....	6	....	5	....	1	....	10	....	9	....	9	....	4	....	84	84	....
Interfering with State officer	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....
Incest	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	3	3	....
Kidnaping	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....
Lottery	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	....	....	....	8	....	21	....	46	46	....
Lewd and lascivious cohabitation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....
Larceny, grand	11	1	17	1	20	3	22	3	11	3	11	....	16	5	23	....	15	2	13	1	11	....	17	3	209	187	22
Larceny, petit	56	5	41	6	23	3	57	12	62	11	63	8	68	12	58	9	67	15	72	10	60	12	46	5	781	673	108

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TABLE No. 1 — *Continued*.

VIOLATIONS OF STATUTES OF MISSOURI.	April. 1886.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Jan. 1887.		Feb.		March.		TOTAL.	MALES.	FEMALES.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.			
Miscellaneous misdemeanor	....	....	4	....	....	....	....	....	5	....	1	....	3	....	2	....	5	1	....	1	....	....	....	....	22	20	2
Murder	1	....	2	....	....	....	2	....	2	....	2	....	1	....	3	....	1	....	2	....	1	....	3	2	22	20	2
Manslaughter	....	....	1	....	1	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	6	5	1
Mayhem	....	....	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	4	4	....
Obstructing railroad trains	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	....
Obtaining goods under false pretenses	1	....	....	....	....	....	2	....	....	....	....	....	....	....	3	....	1	....	....	....	....	....	....	....	7	7	....
Obtaining money under false pretenses	....	....	....	....	2	....	....	....	4	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	7	7	....
Perjury	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	3	3	....
Passing counterfeit money	2	....	....	....	1	....	1	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	6	6	....
Prize fighting	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....
Receiving stolen property	....	....	....	....	....	....	....	....	2	....	2	1	....	....	....	....	....	....	....	....	3	....	....	....	8	7	1
Riotously disturbing the peace	....	....	....	....	....	....	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	6	....
Rape	4	....	....	....	1	....	2	....	2	....	....	5	....	....	....	....	2	....	....	....	....	....	3	....	19	19	....
Robbery	2	....	3	....	....	....	4	....	3	....	....	4	....	10	....	3	....	2	....	....	....	....	2	....	33	33	....
Receiving stolen property	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	3	1	....	....	....	....	....	8	7	1
Rioting	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	4	....
Seduction	....	....	....	....	2	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	6	6	....
Unlawful assemblage	....	....	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	8	....
Violation grand statutes of Mo	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
Total	185	7	186	8	113	7	195	21	162	20	163	14	195	20	181	11	176	18	163	16	141	16	182	15	2215	2042	173

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TABLE No. 2.

VIOLATION OF CITY ORDINANCES.

City Cases.	April 1886.		May.		June.		July.		August		Sept.		Oct.		Nov.		Dec.		Jan. 1887.		Feb.		March.		Males.	Females.	Total.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.			
Abandoned children	3	....	....	....	6	....	1	....	....	....	3	1	1	..	7	....	2	1	....	....	1	....	....	....	24	2	26
Building bonfires	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	....	....	....	....	1	....	3	....	7	.....	7
Bathing	....	....	8	....	36	....	28	....	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	104	.....	104
Careless driving	12	....	15	....	11	....	22	....	22	....	23	....	34	....	17	....	23	....	13	....	12	....	17	....	221	.....	221
Concealed weapons	24	....	27	....	24	....	38	....	24	....	17	1	44	....	26	1	26	....	11	1	13	4	19	....	293	7	300
Cruelty to animals	....	....	4	....	2	....	8	....	13	....	3	....	12	....	10	....	5	....	8	....	....	....	....	....	65	.....	65
Climbing on R. R. cars	....	....	14	....	31	....	13	....	37	....	3	....	4	....	4	....	....	....	....	....	5	....	1	....	112	.....	112
Disturbing the peace	309	84	394	102	348	113	416	125	492	147	408	101	435	94	284	67	307	55	253	61	209	66	317	91	4172	1106	5278
Delirium tremens	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	.....	3
Drunk on street	223	77	310	86	238	82	249	66	275	104	307	88	347	80	253	70	263	75	226	44	198	76	282	75	3171	923	4094
Discharging fire arms	5	....	5	....	7	....	38	....	....	....	1	....	....	....	4	....	3	....	2	....	....	....	....	....	65	.....	65
Disturbing lawful assembly	16	....	8	....	7	....	18	....	24	....	17	....	22	....	9	....	5	....	10	....	19	1	16	....	171	1	172
Dumping filth on street	14	....	20	....	4	....	6	....	9	....	3	....	4	....	5	....	12	....	13	....	8	....	18	....	116	.....	116
Driving unlicensed vehicles	10	....	2	....	19	....	13	....	12	....	6	....	31	....	7	....	11	....	9	....	372	....	36	....	528	.....	528
Defacing public property	....	....	6	....	....	....	....	....	2	....	....	....	....	....	5	....	6	....	....	....	2	....	11	....	32	.....	32
Drunk in market place	....	....	....	....	....	....	5	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	10	15
Driving over sidewalks	....	....	....	....	....	....	....	....	7	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	10	.....	10
Drunk in public park	....	....	....	....	....	....	8	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	5	8
Exposing person	13	2	7	1	12	....	20	5	18	5	12	7	13	4	8	....	6	1	4	....	8	2	11	2	132	29	161
Excavating in streets	3	....	....	....	....	....	9	....	5	....	....	....	....	....	....	....	....	....	....	....	2	....	9	....	28	.....	28
Frequenting bawdy houses	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Fortune telling without license	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	.....	1
Playing cards and dice for money	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Gathering rags without permit	....	....	....	....	....	....	....	....	5	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	8	.....	8
Insane	14	4	12	2	12	2	13	....	8	6	7	4	12	5	4	2	5	1	4	1	2	3	7	4	100	33	133
Inmates of bawdy house	....	43	....	78	3	77	7	56	....	84	....	50	....	43	6	80	4	24	5	21	....	31	....	33	25	620	645
Interfering with police officer	....	....	6	....	5	....	3	....	....	....	....	....	....	....	....	....	....	....	6	....	....	....	....	....	....	20	.....	20
Incorrigible children	....	....	....	....	....	....	....	....	3	1	....	....	....	....	....	....	....	....	....	....	....	....	3	3	6	4	10
Keeping bawdy house	....	7	....	7	1	9	1	8	....	21	....	14	....	12	2	8	....	6	....	2	....	5	....	12	4	111	115
Keeping opium den	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	.....	2
Loitering on street corner	72	....	91	....	67	....	72	....	87	....	62	....	80	....	26	....	29	....	18	....	40	....	32	....	676	.....	676
Lewd and Indecent act	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	4

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TABLE No. 2. — *Continued.*

City Cases.	April. 1886.		May.		June.		July.		August		Sept.		Oct.		Nov.		Dec.		Jan. 1887.		Feb.		March.		Males.	Females.	Total.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.			
Obstructing the streets	10	....	10	....	4	....	8	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	12	....	47	.....	47
Obstructing the sidewalks	10	....	12	....	9	....	6	....	19	....	15	....	9	....	7	....	40	....	14	....	9	....	....	....	150	.....	150
Old executions	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	.....	2
Peddling without license	15	....	16	....	23	....	21	....	24	....	21	....	40	....	14	....	11	....	5	....	10	....	13	....	218	.....	213
Prostitutes plying their vocation	....	42	....	49	....	67	....	40	....	48	....	66	....	47	....	40	....	20	....	5	....	34	....	46	.....	504	504
Playing ball on streets	....	....	2	....	2	....	10	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	....	18	.....	18
Prostitutes wandering	....	....	....	22	....	14	....	30	....	12	....	....	....	....	....	18	....	10	....	28	....	....	....	....	.....	134	134
Playing cards, craps and dice	38	....	86	....	26	....	34	....	42	....	33	....	22	....	50	....	4	....	21	....	....	....	10	....	366	.....	366
Resisting police officer	21	....	20	....	15	....	30	....	22	....	23	....	40	....	11	....	13	....	4	....	10	....	10	....	219	.....	219
Representing himself police officer	....	....	....	....	1	....	1	....	....	....	....	....	....	....	4	....	....	....	....	....	....	....	....	....	6	.....	6
Selling unsound meat	....	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	.....	3
Trespassing	107	21	154	19	155	13	100	18	161	17	147	29	150	9	62	7	68	9	53	2	78	5	82	9	1312	158	1470
Throwing rocks in streets	17	....	10	....	9	....	13	....	18	....	5	....	5	....	1	....	2	....	....	....	2	....	5	....	87	.....	87
Using profane and obscene language	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Unsatisfied judgment	15	....	6	1	11	....	7	....	15	....	16	....	19	....	17	....	8	....	9	1	13	....	14	....	152	2	154
Unhitching horse and driving off	6	....	....	....	....	....	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	1	....	13	.....	13
Using unstamped measures	....	....	....	....	2	....	1	....	....	....	6	....	6	....	....	....	....	....	....	....	....	....	....	....	15	.....	15
Violating Mayor's proclamation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	....	....	....	....	....	....	....	....	....	15	.....	15
Vagrancy	9	....	26	....	12	....	20	....	11	....	4	....	18	....	19	....	50	3	21	....	7	....	8	....	206	3	208
Violating City Ordinance Miscell	21	....	26	2	28	....	23	....	29	....	11	....	10	....	19	....	14	....	19	....	26	....	20	....	246	2	248
Total	987	280	1303	371	1130	377	1262	363	1419	444	1160	361	1361	294	899	293	920	205	731	166	1042	227	961	275	13175	3656	16831

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TABLE No. 3.

OCCUPATIONS OF ARRESTS — MALES.

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
Agents	8	11	5	6	17	18	16	5	16	15	10	9	136
Auctioneers	....	1	....	2	....	....	....	....	....	....	....	....	3
Actors	....	....	....	....	....	....	....	....	....	....	1	....	1
Architects	....	....	....	....	....	....	....	1	....	....	....	....	1
Artists	....	2	10	6	2	....	....	2	....	1	....	....	22
Book binders	1	....	....	....	1	....	1	....	....	....	....	....	3
Bar tenders	8	6	6	6	7	9	10	19	5	4	5	9	94
Bookkeepers	2	....	7	7	5	4	4	3	6	2	4	6	50
Brickmakers	1	9	3	4	1	....	2	1	1	....	....	....	22
Bricklayers	7	10	10	10	14	16	14	5	1	6	4	6	103
Blacksmiths	15	9	16	16	16	7	11	8	14	8	15	10	145
Butchers	4	10	10	6	21	12	17	6	7	3	19	4	119
Bakers	5	9	10	5	8	11	7	11	6	10	6	2	90
Barbers	9	6	10	11	7	10	4	7	2	2	3	11	82
Brokers	2	3	3	....	2	1	....	....	....	....	....	3	14
Broommakers	....	1	....	....	1	....	1	4	1	....	....	....	8
Brushmakers	....	....	....	2	....	....	....	....	3	3	....	....	8
Boilermakers	5	10	5	4	5	6	2	1	....	4	4	6	52
Bootblacks	7	4	7	7	9	11	5	7	6	5	5	5	78
Baggage wagon drivers	....	3	....	4	2	....	....	11	25	45	5	....	95
Bill posters	1	2	....	....	....	....	....	....	1	....	....	....	4
Boatmen	....	1	....	1	....	....	....	....	....	....	....	....	2
Builders	....	3	....	1	....	....	....	....	....	....	....	....	4
Brewers	1	6	2	1	4	7	5	....	7	5	2	3	43
Base ball players	....	....	....	....	....	....	....	....	....	....	....	....	....
Beggars	9	3	4	7	1	3	10	11	33	8	2	4	96
Box makers	....	....	1	....	....	....	....	1	1	....	....	....	3
Chain makers	....	....	1	2	....	....	....	....	3	....	2	....	8
Conductors	....	2	6	2	3	....	1	4	....	....	....	2	20
Cabinet makers	2	5	2	12	1	1	1	5	....	2	4	2	37
Collar makers	1	....	....	2	3	3	3	....	1	....	....	2	15
Cigar makers	2	6	....	6	4	2	3	2	2	2	5	21	55
Carpenters	30	35	27	41	19	26	36	26	21	19	21	17	318
Coopers	10	2	6	8	9	4	6	4	8	2	4	5	67
Cooks	8	8	13	6	10	7	4	8	2	2	3	4	75
Clerks	31	32	30	32	46	38	49	33	32	20	21	20	384
Caulkers	....	1	....	....	....	....	1	1	....	1	2	....	6
Contractors	3	2	....	3	....	4	4	2	4	2	1	....	25
Constables	....	1	....	1	2	....	....	....	1	....	1	....	6
Collectors	4	....	3	....	1	1	4	1	2	2	1	2	21
Carriage drivers	....	10	39	40	....	6	....	7	8	4	2	....	116
Car drivers	9	7	9	5	11	....	....	10	3	....	3	6	63
Confectioners	....	....	....	3	....	....	....	....	1	....	....	2	6
Cow boys	1	1	....	....	1	....	....	....	....	....	....	....	3
Chemists	....	2	....	....	....	....	....	....	....	....	....	....	2
Carriage trimmers	....	1	....	....	....	....	....	....	....	....	....	....	1
Carvers	....	....	3	....	....	....	....	....	....	....	....	....	3
Drovers	....	3	....	....	....	....	5	....	....	....	1	3	17
Dyers	....	1	....	....	....	....	....	....	....	....	1	1	3
Dairymen	1	....	4	....	....	....	1	2	....	1	2	7	18
Druggists	2	....	4	4	1	3	....	1	3	2	....	....	20
Dentists	....	1	....	....	....	....	....	....	....	....	....	....	1
Draymen	....	....	....	....	....	8	....	....	....	....	....	....	8
Drivers	....	....	....	....	1	....	....	....	....	....	....	....	1
Drummers	1	....	....	....	....	....	....	....	....	....	1	....	2
Detectives	2	1	....	....	3	....	....	....	1	....	....	....	7
Drunkards	....	12	....	....	....	....	....	4	....	....	....	....	16
Dog catchers	....	....	....	1	....	1	2	....	....	....	....	....	4
Engineers	9	10	4	13	7	7	11	9	5	2	2	3	83
Expressmen	....	1	4	4	....	....	2	....	....	5	1	....	17
Engravers	1	....	....	3	....	....	....	....	....	....	....	....	4
Editors	....	....	....	....	....	1	....	....	....	....	....	....	1
Firemen	5	2	6	....	3	5	2	2	2	2	1	3	33
Farmers	7	8	7	18	20	15	22	8	6	5	7	7	130
Foremen	....	....	2	....	5	3	....	....	....	....	....	2	12
Fishermen	....	4	....	....	....	....	....	....	....	....	....	....	4
Forgers	....	....	....	3	....	....	....	....	....	....	....	....	3

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TABLE No. 3 — *Continued.*

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
Gas fitters	2	2	3	9	1	2	3	....	5	2	2	7	38
Grocers	....	2	1	1	1	2	9	2	1	1	1	4	25
Glass blowers	2	1	3	3	1	1	5	7	2	1	3	2	31
Gamblers	3	1	....	2	3	....	3	32	16	13	1	6	80
Glaziers	2	....	1	....	....	....	....	1	....	1	....	....	5
Gardeners	3	2	2	4	1	2	4	1	1	....	5	3	28
Grip-men, Street R. R.	....	3	....	6	....	....	....	....	....	....	....	....	9
Harness makers	....	3	1	2	2	....	1	2	1	1	8	1	22
Horse shoers	....	....	....	6	....	....	....	....	3	....	....	....	9
Hostlers	6	6	18	11	14	2	11	12	6	3	7	4	100
Hawkers	1	9	12	12	23	13	14	10	10	5	3	....	112
Hackmen	....	2	....	18	....	3	....	....	....	....	....	5	28
Hatters	....	....	....	....	....	....	....	1	....	1	....	....	2
Hotel Keepers	....	....	....	....	2	1	3	....	....	....	....	....	6
Iron workers	....	....	....	4	....	....	....	3	3	5	....	....	15
Ice dealers	....	....	3	....	....	....	....	....	....	....	....	....	3
Inspectors	....	....	....	....	....	....	....	....	....	3	....	....	3
Jewelers	....	3	....	....	2	....	....	....	....	....	....	2	7
Jockeys	....	....	....	1	....	....	....	....	....	....	....	....	1
Laborers	330	499	375	426	489	392	448	307	269	238	216	335	4324
Loafers	....	....	7	....	....	....	....	....	....	....	....	....	7
Lottery venders	1	....	....	....	4	....	....	4	....	....	6	23	38
Lawyers	1	3	3	....	3	3	3	3	....	....	....	....	19
Lamp-lighters	....	2	1	....	....	2	1	....	....	....	....	2	8
Laundrymen	2	....	....	....	4	....	....	....	....	....	....	2	8
Liverymen	1	....	....	....	....	....	....	....	....	1	2	....	4
Locksmiths	....	2	....	2	....	....	....	....	1	....	....	....	5
Lathers	....	....	....	1	....	....	....	....	....	....	....	....	1
Miners	....	....	....	....	1	....	2	....	2	....	2	2	9
Mechanics	14	5	1	....	36	9	16	1	....	4	8	7	101
Machinists	12	8	9	15	22	13	16	9	6	4	8	14	136
Musicians	3	3	1	3	....	6	1	3	2	6	4	1	33
Moulders	21	11	19	22	17	14	21	11	11	10	8	11	176
Millers	....	3	....	1	....	....	2	1	2	1	1	....	11
Merchants	19	8	11	14	13	10	8	5	14	8	16	12	135
Messengers	2	....	1	2	5	....	....	7	....	....	....	....	17
Mill-wrights	....	....	2	2	....	....	....	1	....	....	....	....	5
No occupation	124	163	149	186	205	152	205	144	149	190	152	167	1916
Newsboys	1	....	2	....	2	....	1	....	1	5	2	....	14
Opium den keepers	....	....	....	....	....	....	....	....	....	....	....	....	....
Painters	20	25	30	25	21	22	22	18	11	11	20	20	240
Printers	9	16	12	11	4	6	26	11	17	6	7	8	133
Porters	17	16	17	24	25	16	14	5	7	7	8	13	169
Peddlers	52	44	47	29	48	63	54	36	74	40	17	31	535
Preachers	....	1	....	....	....	....	3	1	....	....	2	5	12
Puddlers	....	....	....	....	....	....	....	....	....	3	....	2	5
Plasterers	2	12	7	6	12	7	5	5	1	3	7	11	78
Plumbers	6	10	10	11	7	9	7	5	4	5	4	5	83
Photographers	1	....	....	....	....	2	1	....	1	....	....	....	5
Physicians	1	4	2	1	1	3	4	2	....	....	6	1	25
Paper hangers	6	....	....	8	3	....	....	1	1	1	....	2	22
Pimps	1	....	1	4	1	1	1	7	2	....	....	....	18
Pilots	....	....	1	1	....	....	....	....	....	....	....	....	2
Paper carriers	....	....	....	3	....	....	....	2	1	....	2	3	11
Police officers	....	2	....	....	....	....	....	1	....	....	....	....	3
Rag men	....	....	5	5	2	4	2	2	4	3	2	4	33
Reporters	1	....	4	3	....	1	....	....	....	....	2	1	12
Rousters	12	41	13	14	23	32	20	7	12	9	7	7	197
Railroaders	7	37	15	20	23	18	26	19	12	23	8	18	226
Rivermen	28	10	4	11	24	5	2	8	2	2	6	3	105
Roofers	....	3	....	....	3	....	....	....	5	4	....	....	15
Rope-makers	....	....	....	....	....	....	....	....	....	....	....	....	....
School boys	1	8	7	....	....	1	....	1	....	5	....	....	23
Saddlers	1	....	....	2	....	2	....	2	....	1	1	2	11
Stone masons	4	5	5	9	7	5	5	....	2	3	2	3	50
Stone cutters	4	9	5	4	6	5	9	3	2	2	2	1	52
Sailors	....	2	....	1	....	....	....	....	....	3	3	1	10
Shoemakers	5	16	11	19	10	18	18	8	9	11	2	11	133
Showmen	3	....	....	1	2	....	2	1	1	....	....	....	10
Surveyors	....	....	....	....	....	1	1	....	....	....	....	....	2

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TABLE No. 8 — *Concluded.*

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
Saloon keepers	8	6	10	8	4	5	9	8	5	6	1	4	74
Salesmen	10	6	7	9	2	11	10	3	8	4	6	3	79
Soldiers	4	14	3	5	4	13	3	6	5	7	5	6	75
Solicitors	....	....	1	....	3	1	....	1	1	....	....	....	7
Students	....	....	1	1	....	2	....	....	1	....	....	....	5
Stockmen	1	....	....	....	....	....	....	....	....	....	....	....	1
Sailmakers	1	....	1	....	....	1	....	....	1	....	....	....	4
Surgeons	2	....	....	1	....	....	....	....	....	....	....	....	2
Slaters	....	....	....	....	....	....	....	1	2	....	....	....	3
Steam fitters	....	....	....	....	....	....	....	....	3	2	....	....	5
Thieves	62	54	29	60	48	54	68	42	74	39	41	27	602
Traders	2	3	2	3	9	6	6	5	5	8	5	6	60
Teamsters	100	84	51	59	112	81	133	43	43	44	355	124	1229
Tobacconists	5	2	2	2	2	2	4	1	....	....	3	....	23
Tanners	....	....	1	2	....	....	....	5	....	....	....	....	8
Tinners	2	9	2	....	5	8	7	1	4	....	6	11	55
Tailors	4	6	7	8	7	2	12	5	3	4	5	8	71
Trunk-makers	....	....	....	....	....	....	....	....	1	....	....	....	1
Telegraph operators	2	7	3	8	2	3	6	3	6	3	3	3	48
Teachers	....	....	....	....	....	....	1	1	2	....	2	....	6
Tramps	8	6	....	....	6	....	....	....	....	....	....	....	20
Theatrical	....	2	....	....	....	....	....	....	....	....	....	....	2
Upholsterers	2	2	1	....	4	....	1	1	1	1	....	....	13
Vault cleaners	....	1	....	....	....	....	4	....	....	2	....	....	7
Varnishers	....	....	....	....	5	1	....	....	6	2	....	....	14
Whiteners	1	1	3	1	5	6	....	3	8	....	1	4	35
Waiters	13	11	14	9	11	29	22	8	....	8	2	12	139
Wagon-makers	....	2	....	....	....	....	....	....	....	....	....	....	2
Watchmen	2	3	3	4	....	4	2	5	2	1	2	1	29
Weavers	....	....	1	....	1	....	....	....	....	....	....	1	3
Whip-makers	....	1	1	....	....	....	....	....	....	....	....	....	2
Total													15,217

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TABLE No. 4.

OCCUPATIONS OF ARRESTS — FEMALES.

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
Bawdy house keepers	4	1	3	6	2	6	9	10	14	5	1	7	68
Beggars	5	7	4	4	....	....	1	6	....	....	1	....	28
Cooks	1	9	5	6	5	1	1	8	4	4	....	3	47
Dress makers	....	2	3	3	1	....	1	2	1	2	1	....	16
Drunkards	5	13	10	2	5	4	4	4	9	5	3	5	69
Housekeepers	2	4	2	3	12	3	3	3	9	3	3	7	54
Laundresses	6	3	3	1	3	3	3	1	....	1	....	....	24
Midwives	....	....	....	....	....	....	1	....	....	....	....	....	1
Nurses	....	2	2	2	1	....	2	3	2	2	....	....	16
No occupation	108	89	91	105	170	125	125	76	64	43	94	102	1177
Prostitutes	144	282	235	229	233	205	185	167	99	100	115	149	2043
Peddlers	....	....	2	....	1	....	....	....	3	....	....	....	6
Saleswomen	....	....	....	....	1	....	....	....	2	....	....	....	3
Seamstresses	....	....	....	....	1	....	....	....	....	....	....	....	1
Servants	7	13	10	13	11	7	6	12	6	5	8	2	100
Thieves	2	....	8	4	5	4	4	....	4	....	3	2	36
Tramps	8	6	6	8	13	17	21	15	8	12	14	12	140
Total	....	....	....	....	....	....	....	....	....	....	....	....	3829

RECAPITULATION.

Total State cases	2,215
Total City cases	16,831
Grand total	19,046

TABLE No. 5.

NATIVITY OF ARRESTS.

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
Austria	1	3	....	2	5	2	1	....	....	5	4	2	25
Arabia	....	....	....	1	....	....	....	....	....	....	....	....	1
Bohemia	2	5	1	2	5	7	4	2	4	1	3	2	38
Belgium	1	....	2	....	....	....	1	....	....	....	....	....	4
Canada	9	24	11	7	8	9	15	3	8	4	5	4	107
China	3	1	....	1	1	1	....	3	....	1	....	2	14
Denmark	....	1	2	3	1	....	1	2	1	3	2	....	16
England	28	43	26	36	36	49	34	28	25	24	22	20	371
France	6	5	5	9	5	6	12	3	6	3	1	5	71
German	100	144	149	168	186	151	144	108	115	100	159	137	1,661
Greece	6	4	1	1	2	1	3	6	1	1	2	2	30
Holland	....	....	2	....	....	....	....	....	....	....	....	....	2
Hungary	....	3	....	3	....	....	....	....	2	....	1	....	9
Ireland	194	252	231	280	310	245	260	189	177	153	153	227	2,662
Italy	25	25	7	8	26	31	36	17	48	22	9	15	299
Mexico	....	....	....	....	....	....	....	....	....	....	....	2	2
Poland	3	3	4	3	3	6	5	....	4	....	3	2	39
Russia	3	3	2	3	....	....	4	7	6	4	6	5	43
Switzerland	....	6	8	2	2	....	....	2	5	1	....	....	26
Spain	....	....	....	....	....	....	1	2	....	....	....	1	4
Scotland	13	22	17	18	11	20	12	13	11	14	7	7	165
Sweden	7	3	5	2	9	17	8	2	3	3	10	9	78
Turkey	....	3	....	....	....	....	....	....	....	....	....	....	3
United States	836	977	891	967	1066	863	1060	782	689	571	820	766	10,225
United States (Colored)	221	337	261	321	369	290	269	251	212	161	218	294	3,134
Wales	1	3	1	4	....	....	....	3	2	....	1	1	16
Total	....	....	....	....	....	....	....	....	....	....	....	....	19,046

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TABLE No. 6.

NUMBER OF ARRESTS MADE IN EACH POLICE DISTRICT.

DISTRICT.	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
First Police District	37	47	35	50	44	45	42	27	36	39	41	38	481
Second Police District	74	146	112	148	122	91	119	78	62	75	100	73	1,200
Central Police District	536	795	707	783	883	693	832	647	535	438	489	630	7,968
Third Police District	616	675	536	610	749	627	662	499	540	412	523	509	6,958
Fourth Police District	103	102	121	123	152	120	101	66	79	63	124	102	1,256
Fifth Police District	93	103	116	127	95	122	114	67	67	49	149	81	1,183
Total	1459	1868	1627	1841	2045	1698	1870	1384	1319	1076	1426	1433	19,046

TABLE No. 7.

SENT TO CITY WORK HOUSE.

From Police Court—Males, 1,787; females, 1,330	3,117
From City Jail—Males, 369; females, 39	408
Total	3,525

TABLE No. 8.

RESPECTIVE AGES OF MALES AND FEMALES ARRESTED.

YEARS.	WHITE.		COLORED.		Total.
	Males.	Females.	Males.	Females.	
From 10 to 20	2,502	579	381	173	3,595
20 to 30	4,874	974	853	490	7,191
30 to 40	3,050	602	615	269	4,536
40 to 50	1,687	397	256	46	2,386
50 and over	956	331	43	8	1,338
Total	13,069	2,843	2,148	986	19,046

RECAPITULATION OF ARRESTS.

In day time	8,986
In night time	10,060
Total	19,046

SOCIAL CONDITION.

Married	4,652
Single	14,394
Total	19,046

EDUCATIONAL.

Could read and write	16,806
Could not read and write	2,240
Total	19,046

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DISPOSITION OF ARRESTS AT STATION.

Bailed	4,291
Confined	14,755
Total	19,046

SUMMARY.

Total males arrested	15,217
Total females arrested	3,829
Total	19,046

AMOUNT OF STOLEN MONEY AND VALUATION OF STOLEN AND ESTRAY PROPERTY RECEIVED AND RESTORED TO OWNERS DURING THE YEAR.

DISTRICTS.	Stolen Money.	Stolen Property.	Estray Property.	TOTAL.
First police district	$51 85	$1,237 00	$4,366 00	$5,654 85
Second police district	40 30	446 00	15,485 00	15,971 30
Central police district	963 18	4,095 30	47,526 00	52,584 48
Third police district	325 50	1,454 75	33,379 00	35,159 25
Fourth police district	11 00	172 45	15,200 00	15,383 45
Fifth police district	690 00	4,224 00	26,144 00	31,058 00
Headquarters	978 35	18,593 00	.....	19,571 35
Total	$3,060 18	$30,322 50	$142,000 00	$175,382 68

ESTRAY ANIMALS TAKEN UP AND RESTORED TO OWNERS.

DISTRICTS.	Horses.	Mules.	Cattle.	Sheep.	TOTAL.
First police district	29	1	1	.....	31
Second police district	96	3	2	.....	101
Central police district	185	18	2	.....	205
Third police district	164	13	34	.....	211
Fourth police district	96	16	10	.....	119
Fifth police district	133	13	16	48	210
Total	700	64	65	48	877

SANITARY.

NUMBER OF NUISANCES FOUND AND ABATED.

LOCATION.	FOUND.	ABATED.
First police district	996	922
Second police district	3,341	3,333
Central police district	539	531
Third police district	5,018	4,364
Fourth police district	4,452	4,329
Fifth police district	1,370	1,139
Total	15,716	15,118

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MISCELLANEOUS DUTIES PERFORMED BY THE POLICE.

	April, 1886.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1887.	February.	March.	Total.
No. of Abandoned infants found	2	7	....	....	11	2	5	2	2	2	4	8	45
" Accidents	70	87	112	89	100	74	87	62	62	63	67	70	933
" Attempts at suicide	3	3	4	15	3	4	10	6	2	7	2	6	65
" Buildings found open	54	46	43	31	17	21	13	55	62	55	49	66	504
" Burglaries frustrated	1	3	....	8	11	7	8	3	2	1	....	....	44
" Broken sidewalks	34	114	67	....	129	43	29	36	7	15	27	72	613
" Broken fire alarm wires	....	4	2	....	....	....	....	2	....	....	....	....	8
" Dangerous cellar doors	3	8	12	10	8	6	9	3	5	7	4	....	75
" Defective culverts	1	....	3	2	....	2	....	....	5	....	....	....	13
" Fire alarm boxes	3	1	2	4	6	3	2	1	1	....	....	....	23
" Drains and vaults	31	38	26	43	37	....	3	....	2	4	51	4	238
" Dangerous walls & buildings	1	7	1	13	18	10	23	....	5	8	6	2	92
" Disturbances suppressed	13	....	....	....	....	....	....	....	5	....	....	5	25
" Dead animals reported	429	461	478	384	346	245	275	360	335	386	416	382	4,497
" Fires extinguished	3	3	3	35	31	7	8	12	9	5	....	6	122
" Intox'ed persons sent home	5	8	10	9	3	2	4	....	....	....	....	....	41
" Leaking fire plugs	1	....	....	3	....	....	2	....	....	4	....	....	10
" " gas pipes	....	1	1	7	1	12	....	....	42	....	....	36	100
" " hydrants	....	....	....	....	....	....	....	....	....	....	....	....	....
" Fire alarms sounded	10	5	4	140	74	38	33	57	58	43	30	35	616
" Lost children found	30	44	32	14	6	....	....	14	8	11	16	....	155
" Mad dogs killed	....	2	1	3	2	....	....	....	....	....	....	4	11
" Obstructions on street	4	13	14	....	73	3	15	15	14	8	....	19	178
" Persons resc. from drowning	1	1	1	9	9	3	2	1	....	....	....	....	27
" " " " burning	....	....	2	....	1	....	....	1	....	....	....	....	4
" Dead bodies found	1	2	4	24	21	4	11	3	5	10	9	4	98
" Nuisances reported to H. B.	34	41	37	101	99	45	14	7	5	18	....	....	401
" Sewer inlets stopped	28	332	169	....	285	191	55	45	17	106	122	72	1,422
" Sinkholes & ponds reported	....	3	6	3	5	....	....	....	....	....	....	....	17
" Telegraph wires reported	17	....	....	....	175	3	....	....	3	....	....	....	198
" Suicides reported	4	6	4	9	4	6	8	4	9	4	10	9	75
" Sudden deaths reported	10	1	3	21	....	7	16	5	14	15	19	14	127
" Sick & injured assis'td home	18	18	21	43	35	38	33	47	49	48	30	68	446
" Broken street lamps	15	29	21	19	27	10	4	2	5	....	....	2	134
" Street lamps not lighted	34	47	19	155	55	91	33	80	465	1640	465	200	3,339
" U. S. mail boxes	....	1	6	7	....	2	....	1	1	....	1	....	19
" Vacant houses	27	30	39	....	16	....	58	20	22	....	....	....	212
" Violat. Bridge Ordinance	....	1	....	2	....	....	1	....	3	....	....	....	7
" " City Ord. report. C. Att'y	66	41	63	97	101	94	39	8	21	38	19	54	641
" Waste of water	26	32	23	136	35	51	19	52	83	114	27	57	645
" Violations Building Ord	....	7	4	....	51	3	14	18	....	8	31	35	171
" Bursted water pipes	....	2	....	....	3	....	4	1	....	....	....	....	10
" Bonfires built	....	....	....	8	....	....	....	....	....	....	....	....	8
" Insane persons	15	12	13	19	13	13	21	5	11	8	12	17	159
" Street depressions	74	144	89	....	197	199	108	139	65	58	256	201	1,529
" Attempts at murder	....	....	....	22	....	10	....	1	....	4	....	....	37
" Dangerous assaults	....	....	....	....	....	35	16	18	....	5	14	23	111
" Buildings struck by lightning	....	....	....	....	....	2	....	....	15	....	....	....	17
" Persons bitten by dogs	....	....	....	....	....	8	3	1	....	1	3	....	16
" Murders	....	....	....	....	....	....	2	....	2	2	....	....	6
" Violent deaths	....	....	....	....	....	....	....	....	1	3	1	....	5
" Filthy alleys	....	....	....	....	....	....	....	....	....	....	....	10	10
" Lodgers	....	....	....	....	....	....	40	200	900	2899	2685	....	6,524

PATROL WAGON ALARM BOXES.

The following shows the locations of the patrol wagon alarm boxes in each police district, and the respective call number of each box.

FIRST DISTRICT.

No. 332. Virginia avenue and Walsh st.
No. 334. Vanburen and Espenschied sts.
No. 412. Broadway and Schimer st.
No. 413. Courtois and Des Peres sts.
No. 421. Marceau and Des Peres sts.
No. 422. Broadway and Lorenz st.
No. 423. Ivory avenue and Courtois st.
No. 431. Sixth and Robert sts.
No. 432. Loughboro avenue and Eighth st.
No. 415. Gravois road and King's Highway.
No. 512. Michigan avenue and Bowen st.
No. 513. Broadway and Ellwood st.
No. 521. Broadway and Neosho st.
No. 522. Broadway and Quincy st.

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CENTRAL DISTRICT—MAIN STATION.

No. 41. Seventh and Elm sts.
No. 43. 718 Pine st.
No. 61. Fourteenth and Market sts.
No. 71. Nineteenth and Market sts.
No. 73. Market bet. Twenty-first and Twenty-second sts.
No. 121. Twenty-third, bet. Olive and Lucas place.
No. 122. Fourteenth and St. Charles sts.
No. 123. Twelfth and Olive sts.
No. 124. Eleventh and Chestnut sts.
No. 125. Eleventh and Locust sts.
No. 126. 807 Locust st.
No. 131. Walnut, bet. Ninth and Tenth sts.
No. 132. 606 South Seventh st.
No. 133. Tenth and Gratiot sts.
No. 134. Seventh and Chouteau ave.
No. 135. Seventh and Rutger sts.
No. 141. Park avenue and Menard st.
No. 143. Thirteenth and Hickory sts.
No. 144. Mississippi and Chouteau aves.
No. 151. Twenty-third and Papin sts.
No. 152. Twenty-first and Clark ave.
No. 153. Seventeenth and Gratiot sts.
No. 215. Sixteenth and Clark ave.
No. 216. Fourteenth and Spruce sts.
No. 313. Seventeenth and Pine sts.
No. 313. 906 Chestnut st.
No. 314. Jefferson avenue, bet. Rutger and Hickory sts.
No. 321. 105 South Eighth st.
No. 322. Tenth and St. Charles sts.
No. 323. St. Ange avenue and La Salle st.
No. 421. Twelfth and Chouteau ave.
No. 422. Union Depot Entrance.
No. 431. Thirteenth and Pine sts.

CENTRAL DISTRICT—SUB-STATION.

No. 13. Second and Chouteau ave.
No. 14. Fourth and Pine sts.
No. 15. Third and Clark ave.
No. 16. Main and Clark ave.
No. 17. Levee and Chestnut st.
No. 21. Levee and Chouteau ave.
No. 22. Levee and Plum sts.
No. 23. Sixth and Cerre sts
No. 24. 747 South Third st.
No. 25. Fourth and Elm sts.
No. 26. Second and Rutger sts.
No. 27. Third and Convent sts.
No. 31. Fifth and Park ave.
No. 32. Fourth and Chouteau ave.
No. 33. Levee and Elm st.
No. 34. Second and Poplar sts.
No. 35. Levee and Locust st.
No. 36. Fourth and Valentine sts.
No. 37. Sixth and St. Charles sts.
No. 42. Sixth and Market sts.
No. 44. Third and Washington ave.
No. 45. Sixth and Spruce sts.

THIRD DISTRICT—MAIN STATION.

No. 12. Eighth and Franklin ave.
No. 13. Broadway and Franklin ave.
No. 14. Eighth and Lucas ave.
No. 15. Eleventh and Lucas ave.
No. 16. Fourth and Franklin ave.
No. 17. Second and Morgan sts.
No. 21. Levee and Franklin ave.
No. 22. Third and Carr sts.
No. 23. Second and Biddle sts.
No. 24. Levee and Biddle sts.
No. 25. Broadway and Ashley st.
No. 26. Main and Dickson sts.
No. 27. Sixth and Cass ave.
No. 31. Eighth and O'Fallon sts.
No. 32. Tenth and Cass ave.
No. 33. Levee and Christy ave.
No. 34. Eleventh and Franklin ave.
No. 35. Twelfth and Morgan sts.
No. 36. Thirteenth and Franklin ave.
No. 37. Twelfth and Biddle sts.
No. 41. Fifteenth and Lucas ave.
No. 42. Twelfth and Wash sts.
No. 43. Eleventh and O'Fallon.
No. 44. Fifteenth and Wash sts.
No. 51. Fourteenth and Carr sts.
No. 52. Fifteenth and O'Fallon.
No. 53. Ninth and Morgan sts.
No. 54. Sixteenth and Carr sts.
No. 62. Ninth and Biddle sts.
No. 63. Fifteenth and Cass ave.
No. 64. Broadway and Wash st.
No. 214. Eighteenth and Lucas ave.
No. 215. Seventeenth and Franklin ave.
No. 223. Broadway and Dickson st.
No. 242. Cass avenue and Hogan st.
No. 243. Seventeenth and O'Fallon sts.
No. 314. Seventh and Morgan sts.
No. 324. Thirteenth and Cass ave.
No. 331. Sixth and O'Fallon sts.
No. 332. Bridge
No. 341. High and O'Fallon sts.
No. 342. Main and Wash sts.
No. 432. Eleventh and Carr sts.

THIRD DISTRICT—SUB-STATION.

No. 123. Lucas and Garrison aves.
No. 212. Biddle and Twenty-third sts.
No. 213. Biddle and Nineteenth sts.
No. 216. Wash and Twentieth sts.
No. 221. Franklin avenue & Twenty-first st.
No. 222. Washington avenue and Twenty-second st.
No. 223. Morgan street and Jefferson ave.
No. 224. Wash street and Leffingwell ave.
No. 225. Easton and Garrison aves.
No. 231. Compton avenue bet. Morgan street and Lucas place.
No. 233. Evans street and Grand ave.
No. 234. Francis street and Cass ave.
No. 241. Cass and Glasgow aves.
No. 251. O'Fallon and Twenty-first sts.
No. 332. Easton and Compton aves.
No. 333. Cass avenue and Twenty-second st.
No. 432. Franklin and Channing aves.

FOURTH DISTRICT.

No. 121. Twenty-second and Benton sts.
No. 151. St. Louis and Elliot aves.
No. 252. 2601 Cass ave.

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FIFTH DISTRICT.

No. 1. Fifth District Main Station.
No. 2. Gravois road and Arsenal st.
No. 3. Gravois road and Rappahannock st.
No. 4. Morganford road and Oak Hill ave.
No. 5. Morganford road and Gravois road.
No. 6. Chouteau avenue and Manchester road.
No. 7. King's Highway and New Manchester road.
No. 8. Pierce ave. and New Manchester rd.
No. 9. King's Highway and Delmar ave.
No. 10. Finney and Vandeventer aves.
No. 11. Cote Brilliant police station.
No. 12. Easton and Hamilton aves.
No. 13. Fair Grounds police station.
No. 14. Florissant and Prairie aves.
No. 15. Clay avenue and North Broadway.
No. 16. Bellglade and Easton aves.

DUTIES PERFORMED BY OPERATORS AND PATROLMEN IN POLICE PATROL WAGON AND TELEPHONE SERVICE.

General Review of Duties performed at the Five Patrol Wagon Stations.	First District, Main Station, Second and Tyler sts., S. St. Louis.	Central District, Main Station, Four Courts.	Central District, Sub-Station, Chestnut st., bet. Main and 2d Sts.	Third District, Main Station, Seventh and Carr streets.	Third District, Sub-Station, Jefferson ave. and Dayton street.	Total.
Reports received from patrolmen	13,628	55,549	49,350	138,760	47,450	304,733
Alarms responded to	318	2,161	2,297	3,544	1,389	9,709
Still alarms	45	580	385	1,283	467	2,760
Arrests made	353	2,763	2,890	4,390	1,455	11,851
Fires attended	40	84	84	79	61	328
Miles traveled	1152	2,822	3,997	8,163	2,277	18,411
False alarms	6	24	72	46	38	186
Sick and injured persons taken to Dispensary	.....	167	257	205	55	684
Sick and injured persons taken to home	36	5	2	43	29	115
Dead bodies taken to Morgue	.....	25	21	17	9	72
Dead bodies taken to residence	2	1	2	.....	3	8
Disturbances suppressed without arrests	.....	26	9	3	20	58
Insane persons cared for	5	26	18	19	12	80
Packages stolen property recovered	2	11	18	16	3	50
Runaway horses overtaken and stopped	.....	.....	1	.....	.....	1
Persons rescued from drowning	.....	1	5	.....	.....	6
Lost children restored to parents	.....	30	24	35	.....	89
Persons brought to City Hospital	.....	27	3	8	.....	38
Abandoned and sick child taken to Dispensary	.....	2	.....	1	.....	3
Females taken to House Good Shepherd	.....	1	1	2	.....	4
Witnesses from City Hospital	.....	3	.....	1	.....	4
Trips to and from Police Court	.....	.....	.....	803	.....	803
Persons taken to Work House	58	.....	.....	.....	.....	58
Persons taken from City Hospital	.....	3	3	2	.....	8
Abandoned children taken to St. Ann's Asylum	.....	5	2	3	.....	10
Gambling property brought to Stations	.....	3	.....	.....	.....	3
Trips to repair wires and boxes	128	.....	.....	.....	.....	128
Persons found destitute and taken to Hotels	.....	.....	.....	.....	.....	.....

LIST OF FUGITIVES FROM JUSTICE.

TRACED TO AND ARRESTED IN OTHER CITIES AND BROUGHT BACK TO ST. LOUIS FOR TRIAL.

Date.	Name of Fugitive.	Charge.	Where brought from
1886.			
Sept. 12	Larry Farley	Embezzlement	Springfield, Illinois.
Oct. 24	John Adams	Kidnaping	Topeka, Kansas.
" 24	Catherine Dunn	"	Topeka, Kansas.

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LIST OF FUGITIVES FROM JUSTICE.

ARRESTED IN ST. LOUIS AND DELIVERED TO AUTHORITIES OF OTHER CITIES AND COUNTIES DURING THE YEAR.

DATE.	NAME.	CHARGE.	DELIVERED TO AUTHORITIES OF.
April, 1886	Oliver B. Ford	Fraud	Atlanta, Ga.
"	Jos. Dill alias Hog Hods	Assault to kill	St. Louis Co., Mo.
"	Edward G. Hods	Destroying railroad property	St. Louis Co., Mo.
"	Chas. Oldendorf	Murder	Scott Co., Mo.
"	James Sommers	Burglary and larceny	St. Louis Co., Mo.
"	Wm. Lyons alias Kerr	Murder	Marshall, Ill.
"	Wm. Gagan	Murder	Marshall, Ill.
"	Jno. J. Schauerer	Murder	Marshall, Ill.
"	Wm. Stall	Murder	Marshall, Ill.
May	Wm. Koonts (col.)	Burglary and larceny	St. Louis Co., Mo.
"	Edward Corcoran	Assault to kill	St. Louis Co., Mo.
June	Geo. Buchmoehl	Cruelty to animals	St. Louis Co., Mo.
"	Thos. Connor	Highway robbery	St. Louis Co., Mo.
"	Frank Herzog	Seduction	St. Louis Co., Mo.
"	Burch E. Bates	Grand larceny	Ironton, Mo.
"	William Tivy	Larceny	Moberly, Mo.
"	Henry Richardson	Grand larceny	Union Co., Mo.
July	Chas. Stolberg	Grand larceny	Belleville, Ill.
"	Chas. Reed	Grand larceny	St. Louis Co., Mo.
"	Dennis Cavanaugh	Highway robbery	Clayton, Mo.
"	James Brennan	Highway robbery	Clayton, Mo.
"	John Mitchell	Burglary and larceny	Chicago, Ill.
"	Frank Bracey	Grand larceny	St. Louis Co., Mo.
"	Jno. H. Ecoff	Embezzlement	Pittsburgh, Pa.
"	J. W. McCartney	Embezzlement	Rock Island, Ia.
August	James Hoge	Highway robbery	Clayton, Mo.
"	Jos. Lee alias Ben. McDonald	Deserter U. S. A	Jefferson Barracks.
"	H. G. Bailey	False pretense	Johnston Co., Mo.
"	Frank Geisenger	Forgery	Wyandotte, Kas.
"	Mathias Meyer alias Saddle Meyer	Grand larceny	St. Louis Co., Mo.
"	H. J. Adams alias H. Carter	Grand larceny	Galesburg, Ill.
September	Alfred Moser	Fraud	Lee Co., Ia.
"	Joseph Miller	Grand larceny	St. Clair Co., Ill.
"	Albert Sands	Murder	Boone Co., Mo.
"	Aug. Bernard alias Roberts alias Gustave Gervain	Robbery and burglary, horse thief	Clayton, Mo.
"	Lawrence Farley	Embezzlement	Springfield, Ill.
"	P. F. Wallace	Murder	Crawford Co., Mo.
"	Albert Hamilton	Larceny	Chicago, Ill.
"	Ben. Shelton	Murder	Fredonia, Kas.
October	Frank Drayer	Enticing away females under age	St. Louis Co., Mo.
"			
"	Tom Jones alias Beasley	Burglary and arson	Charleston, Mo.
"	John Hughes	Seduction	Dubuque, Ia.
"	Wm. Kelly alias Wilson alias Clark	Escaped convict	Jefferson City, Mo.
November	Jno. Anderson alias C. Patterson	Grand larceny	Springfield, Mo.
"	John Moran	Murder	Cincinnati, O.
"	J. C. Gooding	Fraud	Sigourney, Ia.
"	Jim Maloy	Broke jail and burglary and larceny	Kansas City, Mo.
"	Geo. Smith alias Sullivan		
"	Jno. R. Willis	Deserter U. S. A	Jefferson Barracks.
"	Jno. Mauker	Grand larceny	Moberly, Mo.
"	Robt. Marshall	Grand larceny	Moberly, Mo.
"	Sol Goodrich	Grand larceny	Murry Co., Ky.
"	Matt Roach	Grand larceny	Chicago, Ill.
"	Chas. Conroy	Grand larceny	Chicago, Ill.
"	Charles Wilson alias Alb. Sanders	Murder	Columbia, Mo.
"	Sam Perkins	Grand larceny	East St. Louis, Ill.
"	Wm. H. Stewart	Petit larceny	East St. Louis, Ill.
"	Minerva Goodrich	Grand larceny	East St. Louis, Ill.

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LIST OF FUGITIVES FROM JUSTICE.

ARRESTED IN ST. LOUIS AND DELIVERED TO AUTHORITIES OF OTHER CITIES AND COUNTIES DURING THE YEAR.

DATE.	NAME.	CHARGE.	DELIVERED TO AUTHORITIES OF.
December	Wesley Boyd (col.)	Robbery and rape	Clayton, Mo.
"	Clinton H. Lee	Deserter U. S. A.	Jefferson Barracks.
"	Wm. S. Hall	Grand larceny	Nashville, Tenn.
Jan., 1887	Wesley Case	Embezzlement	Topeka, Kas.
"	Bud Hicks alias Hy. Watson (col.)	Burglary and larceny	St. Charles, Mo.
"	Frank Frayne alias Mike Kirby	Robbery	Belleville, Ill.
"	Harry Williams	Robbery	Belleville, Ill.
"	John Desmond	Deserter U. S. A.	Jefferson Barracks.
"	Chas. Howard	Deserter U. S. A.	Jefferson Barracks.
"	Wm. Miller alias Fiddler	Grand larceny	Topeka, Kas.
"	Wash Woods alias Dunn	Assault to kill	St. Louis Co., Mo.
"	Harry Layton	Burglary and larceny	Waterloo, Ill.
February	James Cashman	Assault to kill	Cincinnati, O.
"	Seth Brown alias Thompson	Horse thief	Cass Co., Ill.
"	Henry Grady alias Thatch Grady	Aid in rescuing prisoner	St. Clair, Ill.
"	John Clements	Grand larceny	Chamois, Mo.
March	Chas. Miller alias Gen. Neff	Escaped convict	Chester, Ill.
"	Adolph Burns	Petit larceny	Belleville, Ill.
"	Richard Douglass	Grand larceny	Louisiana, Mo.
"	John Sommers	Burglary and larceny	Monroe Co., Ill.
"	John Anderson	Horse stealing	Carroll Co., Ill.
"	John Desmond	Deserter U. S. A.	Jefferson Barracks.
"	Masson alias Bibine	Assault to kill	Louisville, Ky.
"	Thos. Elwood	Grand larceny	Belleville, Ill.
"	John Kraft	Horse thief	Webster Co., Ia.
"	John Smith	Deserter U. S. A.	Jefferson Barracks.
"	Michael Hart	Deserter U. S. A.	Jefferson Barracks.

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CLERK'S OFFICE, FIRST DISTRICT POLICE COURT,
ST. LOUIS, MO., APRIL 1, 1887.

To the H

ort of the business of said Court for the year ending March 31, 1887.

	Amount of Executions sent to the Workhouse.				Amount of Executions Otherwise Returned by the City Marshal.			
	Fines.	Costs.	Witness and Jury Fees.	TOTAL.	Fines.	Costs.	Witness and Jury Fees.	TOTAL.
April, 1886..	$3,090 00	$399 00	$8 00	$3,492 00	$2,285 50	$57 00	.....	$2,342 50
May...	5,955 00	528 00	.....	6,483 00	1,560 00	54 00	.....	1,614 00
June.....	5,080 00	510 00	1 00	5,591 00	2,263 00	84 00	$3 00	2,349 00
July.....	5,290 00	531 00	7 00	5,828 00	1,483 00	60 00	1 00	1,544 00
August.....	6,875 00	567 00	2 00	7,444 00	1,320 00	114 00	1 00	1,435 00
September..	5,010 00	420 00	.....	5,430 00	2,000 00	105 00	.....	2,105 00
October.....	8,380 00	495 00	2 00	8,827 00	571 00	90 00	7 00	668 00
November..	6,615 00	387 00	1 00	7,008 00	1,576 00	87 00	5 00	1,668 00
December...	5,170 00	405 00	.....	5,575 00	1,898 00	57 00	4 50	1,954 50
January, 188	3,555 00	279 00	.....	3,834 00	1,895 00	66 00	.....	1,961 00
February....	3,570 00	276 00	.....	3,846 00	1,838 00	54 00	3 00	1,895 00
March.....	2,560 00	405 00	.....	2,965 00	1,716 00	50 00	3 00	1,773 00
Total....	$61,100 00	$5,202 00	$16 00	$66,318 00	$20,400 50	$878 00	$26 50	$21,309 00

Total numbe	.....		$21,300 00
Total numbe	.....	$3,070 50	
Total numbe	.....	2,422 00	
Tot	.....	4,252 50	
		6,606 50	
Total numbe	.....	2,564 00	
Total numbe	.....	212 00	
Total numbe	.....	203 00	
Tot	.....	2,979 50	
Total amount	.....		$21,300 00
Amount of fe			
Amount of ex			
Amount of ex			
Tota			

ch is respectfully submitted,

HENRY J. BISCHOFF,
Clerk of the First District Police Court.

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